

DOCUMENT RESUME

ED 128 621

08

CE 007 941

AUTHOR Mason, Emmett E., Comp.
TITLE Industrial Arts Education Instructional Materials from Abstracts of Instructional and Research Materials in Vocational and Technical Education, 1972-75.
INSTITUTION Ohio State Univ., Columbus. Center for Vocational Education.
SPONS AGENCY Office of Education (DHEW), Washington, D.C.
PUB DATE 76
NOTE 238p.; The first collection of resumes from 1967 through 1971 is available in microfiche (ED 062 577)

EDRS PRICE MF-\$0.83 HC-\$12.71 Plus Postage.
DESCRIPTORS *Abstracts; Adult Education; Career Education; Elementary Secondary Education; *Indexes (Locaters); *Industrial Arts; Instructional Materials; Post Secondary Education; *Resource Guides; Vocational Education

ABSTRACT

This compilation presents over 300 resumes of instructional materials for industrial arts education which have appeared in "Abstracts of Instructional and Research Materials in Vocational and Technical Education" (AIM/ARM) between 1972 and 1975. The resumes cover a broad range of fields and occupations and are arranged in ascending order according to an accession (VT) number. Each resume includes the author(s), title, institutional source, terms which characterize the contents of the document and a document abstract. Author, subject, and VT-ED (ERIC Document) number cross reference indexes are included. (SH)

* Documents acquired by ERIC include many informal unpublished *
* materials not available from other sources. ERIC makes every effort *
* to obtain the best copy available. Nevertheless, items of marginal *
* reproducibility are often encountered and this affects the quality *
* of the microfiche and hardcopy reproductions ERIC makes available *
* via the ERIC Document Reproduction Service (EDRS). EDRS is not *
* responsible for the quality of the original document. Reproductions *
* supplied by EDRS are the best that can be made from the original. *

ED128621

INDUSTRIAL ARTS EDUCATION
INSTRUCTIONAL MATERIALS

from

Abstracts of Instructional and Research Materials
in Vocational and Technical Education
1972-1975

compiled by
Emmett E. Mason

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRO-
DUCED EXACTLY AS RECEIVED FROM
THE PERSON OR ORGANIZATION ORIGIN-
ATING IT. POINTS OF VIEW OR OPINIONS
STATED DO NOT NECESSARILY REPRESENT
OFFICIAL NATIONAL INSTITUTE OF
EDUCATION POSITION OR POLICY

The Center for Vocational Education
The Ohio State University
1960 Kenny Road
Columbus, Ohio 43210

1976

FOREWORD

Instructional materials specific to the field of industrial arts education have been compiled for this publication. These items, in the form of abstracts, are selections from Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM). This is the second edition of this series and it presents abstracts which have appeared in AIM/ARM since 1972. The first edition is available in the ERIC microfiche collection as ED 062 577.

Other publications in this series include compilations of abstracts of instructional materials for agricultural education, business and office education, distributive education, health occupations education, home economics education, and trade and industrial education. Administrators, teachers and others may use this publication to identify and obtain instructional materials for use in industrial arts education programs. Researchers and curriculum developers may use this publication as the baseline on which to develop new materials.

Members of the profession are encouraged to forward instructional materials for possible inclusion in future issues of AIM/ARM. We are indebted to our colleagues in industrial arts education for providing us instructional materials for past issues of AIM/ARM. We also appreciate the contributions of instructional materials laboratories, curriculum management centers, research coordinating units, local school systems and professional associations.

The profession is indebted to Emmett E. Mason of Central Michigan University who compiled this publication. He exercised his judgment in selecting materials from AIM/ARM which would be useful in industrial arts education programs.

We hope that this publication will prove valuable to you in your educational endeavors.

Robert E. Taylor
Director
The Center for Vocational
Education

THE CENTER MISSION STATEMENT

The Center for Vocational Education's mission is to increase the ability of diverse agencies, institutions, and organizations to solve educational problems relating to individual career planning and preparation. The Center fulfills its mission by:

- . Generating knowledge through research
- . Developing educational programs and products
- . Evaluating individual program needs and outcomes
- . Installing educational programs and products
- . Operating information systems and services
- . Conducting leadership development and training programs

The material in this publication was prepared pursuant to a grant with the Office of Education, U.S. Department of Health, Education and Welfare. Contractors undertaking such projects under Government sponsorship are encouraged to express freely their judgment in professional and technical matters. Points of view or opinions do not, therefore, necessarily represent official Office of Education position or policy.

TABLE OF CONTENTS

	<u>Page</u>
FOREWORD	ii
SAMPLE ABSTRACT	iv
USING THIS PUBLICATION	v
OBTAINING MATERIALS CITED IN THIS PUBLICATION	v
EDRS ORDER FORM	vii
SUBSCRIPTIONS TO AIM/ARM	viii
ABSTRACTS	i
INDEXES	
SUBJECT INDEX	127
AUTHOR INDEX	195
VT-ED NUMBER CROSS REFERENCE INDEX	225

SAMPLE ABSTRACT

Accession number sequentially assigned to documents as they are processed. VT 100 000

Author(s) RICHARDS, F.L.

Microfiche (MF) and/or hard copy (HC) of the full text of the document will be available. The issue in which ordering numbers will be given is indicated. Documents not available in MF or HC are available from alternate sources cited.

Report number and/or bureau number.

Date published and number of pages.

Descriptors—subject terms characterizing substantive contents. Major terms preceded by asterisk.

Identifiers—terms not found in the Thesaurus of ERIC Descriptors.

Informative condensation of document content.

OUTLINES OF COURSES IN ORNAMENTAL HORTICULTURE.

PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK. DEPARTMENT OF AGRICULTURAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. DIVISION OF ADULT AND VOCATIONAL RESEARCH.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.

OEC-0-85-12345 (7291) TEACHER-EDUC-SER-V12-N1

DEPARTMENT OF AGRICULTURAL EDUCATION, PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK, PENNSYLVANIA 16802 (\$1.00).

PUB DATE - 71 567.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *CURRICULUM GUIDES; *ORNAMENTAL HORTICULTURE; HIGH SCHOOLS; *POST SECONDARY EDUCATION; LANDSCAPING; NURSERIES (HORTICULTURE); TURF MANAGEMENT; *TECHNICAL EDUCATION IDENTIFIERS - *PENNSYLVANIA

ABSTRACT - INTENDED TO SUGGEST SUBJECT MATTER CONTENT OF COURSES OR PROGRAMS IN ORNAMENTAL HORTICULTURE FOR HIGH SCHOOL AND POST-SECONDARY VOCATIONAL-TECHNICAL PROGRAMS, THIS CURRICULUM GUIDE WAS PREPARED BY STAFF MEMBERS OF THE AGRICULTURAL EDUCATION DEPARTMENT AT THE PENNSYLVANIA STATE UNIVERSITY AND TESTED IN A WORKSHOP WITH VOCATIONAL AGRICULTURE TEACHERS. CONTENTS ARE: (1) OUTLINES OF COURSES IN ORNAMENTAL HORTICULTURE, (2) ORNAMENTAL HORTICULTURE PROGRAMS FOR GRADES 10, 11, AND 12, (3) NURSERY PRODUCTION . . . THE CONTENT IS PRESENTED IN OUTLINE FORM UNDER EACH TOPIC AND IS APPLICABLE TO THE UNITED STATES AND LOWER CANADA. (GB)

Title.

Organization where document originate

Agency responsible for initiating, funding, and managing the project producing the document.

Contract (OEC) or grant (OEG) number

Alternate source for obtaining document

Abstractor's initials.

USING THIS PUBLICATION

Instructional materials for industrial arts education that have appeared in Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM) between 1972 and 1975 are presented in this single volume for your convenience.

An abstract presents information about a document's content to help you to decide if you want to read the full text of the document. It also provides information about the document's author, source, and availability. Abstracts are arranged in ascending VT-number order. A sample abstract is explained in detail.

The indexes help you to locate page numbers and VT numbers of abstracts by subject and author. Index terms used in the subject index are ERIC descriptors and additional identifiers. Author and institution names appear in the author index.

The full texts of documents are available from the original sources or from the ERIC Document Reproduction Service (EDRS) as microfiche or xerox reproductions. Ordering information for AIM/ARM and EDRS reproductions is provided in a following section.

OBTAINING MATERIALS CITED IN THIS PUBLICATION

All documents cited in this publication are available in their full text. Availability is by one of the three options listed below:

1. Original copy from publisher or supplier

Some documents are available only from the supplier as shown in the abstract. The availability statement for such an item is: "DOCUMENT NOT AVAILABLE ...". The abstract will give the alternate availability with the name and address of the supplier and often a price and order number.

2. Documents available individually in microfiche and/or hard copy

Some AIM/ARM documents are available individually in microfiche and/or hard copy forms from the ERIC Document Reproduction Service (EDRS). Order numbers (ED numbers) are supplied in the VT-ED Number Cross Reference Index and are preceded by an asterisk (*).

Order ED-numbered documents from --

ERIC Document Reproduction Service
P.O. Box 190
Arlington, VA 22210

Consult the EDRS Order Form on page vii and the EDRS Price List below.

EDRS PRICE LIST

MICROFICHE (MF)		PAPER COPY (HC)	
Number of MF per title	Price	Number of pages per title	Price
1 to 5	\$.76	1 to 25	\$1.58
692	26 to 50	1.95
7	1.08	51 to 75	3.32
8	1.23	76 to 100	4.43
Each additional microfiche158	Each additional 25 pages	1.27
Postage: \$.21 for up to 60 microfiche \$.08 for each additional 60 fiche		Postage: \$.21 for first 60 pages \$.08 for each additional 60 pages	

3. AIM/ARM, VT-ERIC Microfiche Sets

Most of the documents cited in this publication are available in microfiche forms as part of AIM/ARM, VT-ERIC Microfiche Sets. Documents included in the microfiche sets are not available as individual microfiche or in hard copy.

A microfiche set contains those documents announced in a single issue of AIM/ARM which are not available by one of the two options listed above. These documents are filmed continuously in VT number order. Each set is assigned a single ED number. ED numbers of the sets for cited documents can be found in the VT-ED Number Cross Reference Index, along with the Microfiche number on which the individual documents are located.

AIM/ARM, VT-ERIC Microfiche Sets are available:

- . In any complete collection of ERIC microfiche
- . As AIM/ARM, VT-ERIC Microfiche Sets purchased from the ERIC Document Reproduction Service (See the EDRS Order Form on page vii)
- . From institutions (e.g., state research coordinating units) which have the AIM/ARM, VT-ERIC Microfiche Sets and are willing to provide microfiche copies of individual VT-numbered documents

SUBSCRIPTIONS TO AIM/ARM

Subscriptions to Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM) are available from:

Distribution Unit
The Center for Vocational Education
The Ohio State University
1960 Kenny Road
Columbus, Ohio 43210

Subscriptions are for one (1) calendar-year periods only and cost \$34.00 (Foreign subscriptions add \$2.00).

Subscribers will receive a year's volume (e.g., 1976, Volume 9) consisting of six, bimonthly issues (e.g., Numbers 1-6) and an annual, cumulative subject and author index, regardless of when in the year they subscribe.

ABSTRACTS

VT 002 976

DAVIS, WILBUR, AND OTHERS
UNDERSTANDING A BASIC TRANSISTOR
RADIO.

MICHIGAN INDUSTRIAL ARTS CURRICULUM
COMMITTEE.

MICHIGAN STATE DEPT. OF PUBLIC
INSTRUCTION, LANSING. DIV. OF
VOCATIONAL EDUCATION

MF AVAILABLE IN VT-ERIC SET.

BULL-2146

PUB DATE - 63 61P.

DESCRIPTORS - *ELECTRONICS;
*INDUSTRIAL ARTS; *JUNIOR HIGH
SCHOOLS; *TEACHING GUIDES;
*INSTRUCTIONAL MATERIALS;
ELECTRICITY; RADIO TECHNOLOGY;
TRANSISTORS

ABSTRACT - DEVELOPED BY THE
ELECTRONICS SUB-COMMITTEE FOR THE
MICHIGAN INDUSTRIAL ARTS CURRICULUM
COMMITTEE, THIS TEACHING GUIDE IS
INTENDED TO ILLUSTRATE HOW
ELECTRONICS MIGHT BE TAUGHT IN THE
JUNIOR HIGH SCHOOLS. THE ONE-
TRANSISTOR RADIO WAS SELECTED
BECAUSE OF THE AVAILABILITY OF
PARTS, THE LOW COST, AND ITS WIDE
ACCEPTANCE AS A MANIPULATIVE
ACTIVITY. THIS UNIT IS INTENDED AS
A SPRINGBOARD TO MORE ADVANCED
STUDIES IN THE FIELD OF
ELECTRONICS. SIXTEEN UNITS INCLUDE:
(1) TEACHING TECHNIQUES, (2)
SERVICING, (3) SIGNAL TRAINING, (4)
VOLTAGE CHECKING, (5) RESISTANCE
CHECKING, (6) TESTING A P.N.P.
TRANSISTOR, (7) UNDERSTANDING OF,
AND CONSTRUCTION OF A RADIO, (8)
AMPLIFIERS, (9) A PARTS LIST,
ABBREVIATIONS, COLOR CODE,
ELECTRONIC SYMBOLS, REFERENCE
MATERIAL, AND AN ELECTRONICS TERMS
DICTIONARY. (GEB)|

VT 004 184

LEACH, ALVIN
SYLLABUS FOR PRE-VOCATIONAL AND
VOCATIONAL EDUCATION PROGRAMS FOR
THE DISADVANTAGED.

OREGON COLL. OF EDUCATION,
MONMOUTH. TRAINING CENTER FOR
TEACHERS OF MIGRANT AND
DISADVANTAGED.

MF AVAILABLE IN VT-ERIC SET.

ED. 448G

BOOKSTORE, OREGON COLLEGE OF
EDUCATION, MONMOUTH, OREGON 97361
(\$1.75)

PUB DATE - 21OCT66 69P.

DESCRIPTORS - *CURRICULUM GUIDES;
*VOCATIONAL EDUCATION;
*PREVOCATIONAL EDUCATION; TEACHER
EDUCATION; *CULTURALLY
DISADVANTAGED; PROGRAM
DESCRIPTIONS; VOCATIONAL
REHABILITATION; PHYSICALLY
HANDICAPPED

ABSTRACT - THIS EXTENSIVE COURSE
OUTLINE IS FOR TEACHER USE IN A
COURSE FOR ADULTS OR COLLEGE
STUDENTS WHO PLAN TO WORK WITH
DISADVANTAGED PERSONS. IT WAS
DEVELOPED TO PRESENT INFORMATION
ABOUT PRE-VOCATIONAL AND VOCATIONAL
EDUCATION PROGRAMS. MAJOR UNITS
ARE: (1) ORIGIN AND BACKGROUND OF
VOCATIONAL EDUCATION, (2) THE ROLE
OF THE SECONDARY SCHOOL IN
VOCATIONAL EDUCATION, (3)
VOCATIONAL EDUCATION AT THE POST
HIGH SCHOOL LEVEL, (4) VOCATIONAL
GUIDANCE AND COUNSELING, (5)
VOCATIONAL EDUCATION FOR THE
HANDICAPPED PERSON, (6) EMPLOYMENT
TRENDS, (7) THE SEARCH FOR WORK,
AND (8) APPROACHES TO VOCATIONAL
EDUCATION THROUGH INNOVATIVE
PROGRAMS. THE MATERIAL WAS DESIGNED
FOR A 30 HOUR COURSE. THE DOCUMENT
IS MIMEOGRAPHED AND INTERSPERSED
WITH MENTION OF OVERHEAD
TRANSPARENCIES WHICH ARE NOT
INCLUDED. SUPPLEMENTARY MATERIALS
INCLUDE A BIBLIOGRAPHY OF 17
CURRENT REFERENCES. (EM)|

VT 007 863

INDUSTRIAL ARTS GENERAL, 10, 20,
30. CURRICULUM GUIDE.

DEPT. OF EDUCATION, EDMONTON
(ALBERTA).

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - SEP68 95P.

DESCRIPTORS - *INDUSTRIAL ARTS;
*CURRICULUM GUIDES; *INSTRUCTIONAL
MATERIALS; REFERENCE MATERIALS;
*RESOURCE MATERIALS; ELECTRONICS;

GRAPHIC ARTS; WOODWORKING; DRAFTING;
METALS; PLASTICS; POWER MECHANICS;
SCHOOL SAFETY

ABSTRACT - DEVELOPED WITH THE AID OF A COMMITTEE AND CONSULTANTS, THIS CURRICULUM GUIDE IS FOR INSTRUCTOR USE IN TEACHING INDUSTRIAL ARTS IN THE SECONDARY SCHOOLS OF ALBERTA. THE GENERAL INDUSTRIAL ARTS PROGRAM ENABLES STUDENTS TO EXPLORE SELECTED AREAS IN GREATER DEPTH BEFORE ENTERING A VOCATIONAL COURSE AND TO BROADEN THEIR UNDERSTANDING OF THE MAJOR TECHNOLOGIES AND GAIN MORE SKILL IN THE CRAFTS. MAJOR TOPICS INCLUDE: (1) ELECTRONICS, (2) MATERIALS, (3) GRAPHIC COMMUNICATIONS, (4) POWER MECHANICS, AND (5) SPECIAL UNITS FOR INDUSTRIAL ARTS GENERAL. EACH TOPIC IS SUBDIVIDED INTO UNITS THAT ARE BRIEFLY OUTLINED AND MANY CONTAIN A LIST OF REFERENCES. SUGGESTIONS FOR TESTING AND EXPERIMENTATION AND A LIST OF RESOURCES ARE INCLUDED. (GEB) |

VT 010 610

AMERICAN INDUSTRIES FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES. SECOND EDITION.

GEORGIA STATE DEPT. OF EDUCATION,
ATLANTA. INDUSTRIAL ARTS EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 57P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *TEACHING GUIDES; COURSE CONTENT; COURSE DESCRIPTIONS; COURSE OBJECTIVES; *INDUSTRIAL ARTS; SECONDARY GRADES; BIBLIOGRAPHIES IDENTIFIERS - *AMERICAN INDUSTRIES

ABSTRACT - AS A GRADUATE CLASS PROJECT, INDUSTRIAL ARTS TEACHERS DEVELOPED THIS COURSE GUIDE FOR TEACHER USE IN GRADES 10, 11, OR 12. A GENERAL INDUSTRIAL ARTS COURSE ON THE JUNIOR HIGH LEVEL (GRADES 7, 8, 9) IS A PREREQUISITE FOR THIS COURSE. DESIGNED FOR A 55-MINUTE PERIOD AND A 180-DAY SCHOOL YEAR, THE COURSE ACQUAINTS THE STUDENT WITH OUR TECHNOLOGICAL SOCIETY BY HAVING HIM STUDY THE

HISTORY AND PRESENT NATURE OF INDUSTRIES IN THESE AREAS: MANUFACTURING, CONSTRUCTION, TRANSPORTATION, COMMUNICATION, SERVICE, MANAGEMENT, POWER, AND RESEARCH. INTRODUCTORY MATERIALS COVER A GENERAL STATEMENT OF EDUCATIONAL PHILOSOPHY, RECOMMENDED TEACHING METHODS, AND COURSE OBJECTIVES. THE MAJOR PORTION OF THE DOCUMENT IS A DETAILED COURSE OUTLINE PROVIDING INFORMATION TOPICS, STUDENT ACTIVITIES, TEACHER INFORMATION, AND A TEACHING SCHEDULE. A SAMPLE LESSON PLAN, TEST, JOB ASSIGNMENT SHEET AND INFORMATION ASSIGNMENT SHEET ARE INCLUDED. A BIBLIOGRAPHY LISTS RECOMMENDED STUDENT AND TEACHER TEXTS. OTHER COURSE OUTLINES IN THIS SERIES ARE AVAILABLE IN THIS ISSUE AS VT 011 660-VT 011 665. (DM) |

VT 010 642

TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME 1.

CESSNA AIRCRAFT CO., WICHITA, KANS. AIR AGE EDUCATION DIV. MF AVAILABLE IN VT-ERIC SET. PUB DATE - AUG69 13P. IDEAS DERIVED FROM THE ANNUAL HIGH SCHOOL TEACHERS SEMINAR (3RD, OKLAHOMA CITY, OKLA., AUG. 4-8, 1969).

DESCRIPTORS - *TECHNICAL EDUCATION; *AVIATION TECHNOLOGY; *TEACHING TECHNIQUES; ACTIVITIES; SIMULATION IDENTIFIERS - AVIATION EDUCATION; *AIR AGE EDUCATION

ABSTRACT - CONTAINS 10 TEACHER-DEVELOPED TEACHING IDEAS FOR PRESENTING A PHASE OF AVIATION EDUCATION TO STUDENTS. MAJOR IDEAS INCLUDE: (1) USE OF FOREIGN LANGUAGE LABORATORY TO TEACH RADIO COMMUNICATION, (2) RADIO COMMUNICATIONS ON TAPE, PANEL MOCK-UP, AIRPORT MODELS, (3) AIR TRAFFIC CONTROL SIMULATION, (4) GIMMICKS AND REWARDS, (5) AIRCRAFT CONSTRUCTION PROJECT, (6) LINK TRAINER, (7) INTEGRATED LEARNING THROUGH TRANSPARENCIES, (8) LEARNING ACTIVITY PACKAGE, (9) USE OF COMPUTER TO SOLVE DEAD RECKONING

PROBLEM, AND (10) BARBER CHAIRVERTIGO DEMONSTRATION AND SKIT. A LIST OF SHORT APPROACHES FOR AN AVIATION EDUCATION PROGRAM ARE INCLUDED. A RELATED DOCUMENT IS AVAILABLE IN THIS ISSUE AS VT 012 170. (GR)!

VT 010 643
AN INTRODUCTORY AVIATION COURSE GUIDE.

CESSNA AIRCRAFT CO., WICHITA, KANS.
AIR AGE EDUCATION DIV.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUL69 54P.

DESCRIPTORS - *CURRICULUM GUIDES;
*TECHNICAL EDUCATION; *AIRCRAFT
PILOTS; *AVIATION TECHNOLOGY;
BIBLIOGRAPHIES; COURSE
DESCRIPTIONS; LESSON PLANS
IDENTIFIERS - *AIR AGE EDUCATION;
AVIATION EDUCATION

ABSTRACT - TO DEVELOP AN UNDERSTANDING OF BOTH THE AVIATION INDUSTRY AND THE MECHANICS OF FLIGHT, THIS INTRODUCTORY COURSE IN AVIATION IS DIVIDED INTO TWO PARTS: (1) AERONAUTICAL KNOWLEDGE OF THE AIRPLANE (TO BE COVERED IN 60 HOURS) INCLUDING UNITS ON THE PRINCIPLES OF FLIGHT, NAVIGATION, AND AIRCRAFT OPERATION, AND (2) GENERAL INFORMATION ABOUT AVIATION (TO BE COVERED IN 30 HOURS) WITH UNITS ON THE HISTORY OF FLIGHT, MANUFACTURING OF AIRCRAFT, AND ECONOMIC IMPORTANCE OF AVIATION. EACH UNIT INCLUDES RECOMMENDED TEXTS FOR STUDENT AND INSTRUCTOR, LESSON ASSIGNMENTS, AND SUGGESTED AUDIO-VISUAL AIDS. THE INSTRUCTOR SHOULD HAVE SOME AVIATION BACKGROUND, PREFERABLY A PRIVATE PILOT'S LICENSE. SUGGESTIONS TO THE TEACHER, REFERENCE BIBLIOGRAPHY, ADDRESSES OF POSSIBLE SOURCES OF INFORMATION, AND ADDRESSES OF OFFICES OF FEDERAL AVIATION ADMINISTRATION AREA MANAGERS ARE GIVEN. (DM)!

VT 010 805
ABC'S OF HAND TOOLS; THEIR CORRECT USAGE AND CARE.

GENERAL MOTORS CORP., DETROIT,
MICH.
DOCUMENT NOT AVAILABLE FROM EDRS.
PUBLIC RELATIONS STAFF, GENERAL
MOTORS CORPORATION, GENERAL MOTORS
BUILDING, DETROIT, MICHIGAN 48202.
PUB DATE - 45 51P.

DESCRIPTORS - *HAND TOOLS;
*INDUSTRIAL ARTS; LABORATORY
SAFETY; TECHNICAL ILLUSTRATIONS

ABSTRACT - ORIGINALLY PREPARED FOR USE AS A TRAINING MANUAL FOR MECHANICS IN THE UNITED STATES ARMED FORCES, THIS PUBLICATION MAY BE HELPFUL ALSO TO THE CIVILIAN MECHANIC, HIGH SCHOOL STUDENT OR AMATEUR REPAIRMAN. THE PAMPHLET INCLUDES INFORMATION ABOUT THE PROPER USE OF THE FOLLOWING HAND TOOLS: SCREWDRIVERS, MACHINIST HAMMERS, PLIERS, WRENCHES, CHISELS, PUNCHES, FILES, HACKSAWS, FEELER GAGES, STEEL RULES, MICROMETERS, SCREW EXTRACTORS, AND CARPENTER'S TOOLS. IN ADDITION, AN EXPLANATION IS GIVEN OF ENGLISH AND METRIC MEASURING UNITS. ILLUSTRATIONS OF TOOLS, AND CARTOONS SHOWING THE EFFECTS OF USING TOOLS THE WRONG WAY EXPAND UPON THE TEXT. A GLOSSARY OF HAND TOOLS IS GIVEN. (GR)!

VT 010 886
POWER GOES TO WORK IN THE
AUTOMOBILE; AN INTRODUCTION TO THE
TRANSMISSION OF POWER.

GENERAL MOTORS CORP., DETROIT,
MICH. PUBLIC RELATIONS STAFF.
MF AVAILABLE IN VT-ERIC SET.
PUBLIC RELATIONS STAFF, GENERAL
MOTORS CORPORATION, GENERAL MOTORS
BUILDING, DETROIT, MICHIGAN 48202.
PUB DATE - 69 57P.

DESCRIPTORS - TRADE AND INDUSTRIAL
EDUCATION; *INDUSTRIAL EDUCATION;
INDUSTRIAL ARTS; *AUTO MECHANICS;
*INSTRUCTIONAL MATERIALS; *POWER
MECHANICS; *KINETICS; ENERGY;
MECHANICS (PROCESS); MOTION
IDENTIFIERS - GENERAL MOTORS
CORPORATION; *TRANSMISSION OF POWER

ABSTRACT - THIS BOOKLET EXPLAINS IN

SIMPLE, NON-TECHNICAL WORDS AND MANY PICTURES SOMETHING ABOUT HOW POWER IS USED TO DRIVE AN AUTOMOBILE. MAJOR TOPICS DISCUSSED ARE: (1) WHAT MAKES IT GO? (2) POWER TRANSMISSION SYSTEM IN AN AUTOMOBILE, (3) MANUAL SHIFT TRANSMISSION, (4) PLANETARY GEARS, (5) AUTOMATIC TRANSMISSION, (6) POWER TRAIN CONFIGURATIONS, AND (7) A SUMMARY OF TRANSMISSION AND ENGINE. A RELATED DOCUMENT IS AVAILABLE AS VT 010 804 (ALSO IN THIS ISSUE). (GR)I

VT 010 887

A TO ZERO OF REFRIGERATION; A SIMPLE STORY OF MAN-MADE COLD.

GENERAL MOTORS CORP., DETROIT, MICH. PUBLIC RELATIONS STAFF. MF AVAILABLE IN VT-ERIC SET. PUBLIC RELATIONS STAFF, GENERAL MOTORS CORPORATION, GENERAL MOTORS BUILDING, DETROIT, MICHIGAN 48202. PUB DATE - 64 95P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; *REFRIGERATION; AIR CONDITIONING; TEMPERATURE; CONSUMER EDUCATION; INDUSTRIAL EDUCATION IDENTIFIERS - GENERAL MOTORS CORPORATION; *FRIGIDAIRE DIVISION

ABSTRACT - PREPARED WITH THE COOPERATION OF ENGINEERS AND HOME ECONOMISTS IN THE FRIGIDAIRE DIVISION OF GENERAL MOTORS, THIS BOOKLET CONTAINS A SIMPLE EXPLANATION OF HOW A REFRIGERATOR WORKS, FIRST GIVING THE HISTORY OF REFRIGERATION, THEN DESCRIBING HOW HEAT IS MEASURED AND HOW THE FREEZER, COMPRESSOR, AND CONDENSOR WORK TOGETHER, AND CLOSING WITH THE VALUE OF REFRIGERATION TO MAN AND A LOOK AT ITS POSSIBILITIES FOR THE FUTURE. ILLUSTRATIONS AND CHARTS ARE USED TO EXPLAIN MANY OF PRINCIPLES OF REFRIGERATION. (GR)I

VT 011 153

THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS -V.

MICHIGAN BELL TELEPHONE CO. MF AVAILABLE IN VT-ERIC SET.

PUB DATE - JAN69 358P.

DESCRIPTORS - *ELECTRICITY; *ELECTRONICS; *PROGRAMED INSTRUCTION; TEACHING METHODS; AUTO INSTRUCTIONAL AIDS; *PROGRAMED MATERIALS; *INDUSTRIAL ARTS; COURSE DESCRIPTIONS; TRADE AND INDUSTRIAL EDUCATION; ELECTRONIC TECHNICIANS

ABSTRACT - DEVELOPED BY THE MICHIGAN BELL TELEPHONE COMPANY, THIS FIVE-PART PROGRAMED SELF-INSTRUCTION COURSE ON ELECTRICITY AND ELECTRONICS DEFINES ELECTRICITY AND ELECTRONICS AND SHOWS HOW ELECTRICITY BEHAVES WHEN IT IS PUT TO WORK. THE PARTS, EACH INCLUDING SEVERAL PRESENTATIONS WITH CORRESPONDING EXERCISES AND SELF-QUIZES, COVER TERMINOLOGY, THE DIFFERENT PARTS USED IN ELECTRIC CIRCUITS AND CAPACITORS, AND THE WAY THESE WORK. LINE DRAWINGS ILLUSTRATE THE VARIOUS CONCEPTS. (GR)I

VT 011 299

CURRICULUM GUIDE FOR GRADES 9-12.

KANSAS CITY CITY PUBLIC SCHOOLS, MO. MF AVAILABLE IN VT-ERIC SET. SEC-CURR-BULL-146 BUSINESS SERVICES DIVISION, 601 BOARD OF EDUCATION BUILDING, 1211 MCGEE STREET, KANSAS CITY, MISSOURI 64106 (\$2.50). PUB DATE - 64 171P.

DESCRIPTORS - *CURRICULUM GUIDES; *INDUSTRIAL ARTS; *DRAFTING; *GRAPHIC ARTS; TECHNICAL EDUCATION; SECONDARY GRADES

ABSTRACT - THIS GUIDE IS INTENDED TO AID KANSAS CITY SCHOOL ADMINISTRATORS AND INDUSTRIAL ARTS TEACHERS IN PLANNING AND CONDUCTING A COORDINATED CITY-WIDE DRAFTING PROGRAM FOR GRADES 9-12. BRIEF INTRODUCTORY INFORMATION ON THE ROLE OF ADMINISTRATOR AND COUNSELOR, PROGRAM PHILOSOPHY, THE ROLE OF THE DRAFTING TEACHER, AND GENERAL OBJECTIVES OF THE SECONDARY SCHOOLS' DRAFTING PROGRAM IS FOLLOWED BY FOUR DETAILED COURSE

OUTLINES, ONE FOR EACH GRADE LEVEL, EMPHASIZING PROPER COURSE SEQUENCE AND INCREASING SKILL AND COMPETENCE. EACH OF THE FOUR MAJOR SECTIONS IS SUBDIVIDED INTO SPECIFIC INSTRUCTIONAL UNITS PROVIDING OVERVIEW, OBJECTIVES, SUGGESTED LEARNING EXPERIENCES, SUGGESTED TEACHING TECHNIQUES, SUPPLEMENTARY MATERIALS, STUDENT ACTIVITIES AND PROJECTS, PROFESSIONAL AIDS, VOCABULARY, AND EVALUATION TECHNIQUES. PROGRAMS FOR GRADES 9 AND 10 COVER BASIC FUNDAMENTALS OF DRAFTING AND DRAFTING EQUIPMENT, WHILE THE 11TH AND 12TH GRADE PROGRAMS ARE FURTHER BROKEN DOWN INTO ARCHITECTURAL AND MECHANICAL SECTIONS, AND ARE CONCERNED WITH MORE ADVANCED ASPECTS OF DRAFTING. RESOURCE UNITS ARE ALSO PROVIDED FOR GRADES 11 AND 12. SUGGESTIONS FOR STUDENT OCCUPATIONAL GUIDANCE, SAMPLE TESTS, MIMEOGRAPHED LISTS OF COURSE CONTENT AND STUDENT REQUIREMENTS, A STYLE SHEET FOR WRITTEN WORK, AND SUGGESTIONS FOR LESSON PLANNING ARE APPENDED. (AW)

VT 011 660

GENERAL GRAPHIC ARTS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. INDUSTRIAL ARTS EDUCATION. MF AVAILABLE IN VT-ERIC SET. PUB DATE - 69 53P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *GRAPHIC ARTS; *INDUSTRIAL ARTS; *TEACHING GUIDES; SECONDARY GRADES; COURSE CONTENT; COURSE DESCRIPTIONS; COURSE OBJECTIVES; BIBLIOGRAPHIES

ABSTRACT - DESIGNED TO SERVE AS A GUIDE TO THE TEACHER AND ADMINISTRATOR OF GENERAL GRAPHIC ARTS, THIS IS ONE OF SEVEN COURSE OUTLINES DEVELOPED AS A GRADUATE CLASS PROJECT FOR USE IN GRADES 10, 11, OR 12. A GENERAL INDUSTRIAL ARTS COURSE ON THE JUNIOR HIGH LEVEL (GRADES 7, 8, 9) IS A PREREQUISITE FOR THIS COURSE. DESIGNED FOR 1 HOUR A DAY AND A

180-DAY SCHOOL YEAR, THIS COURSE ACQUAINTS THE STUDENT WITH ALL PHASES OF GENERAL GRAPHIC ARTS TECHNOLOGY. INTRODUCTORY MATERIALS COVER A GENERAL INTRODUCTION, A PLAN OF INSTRUCTIONAL PRACTICES, AND A STATEMENT OF THE EDUCATIONAL PHILOSOPHY. THE MAJOR PORTION OF THE DOCUMENT CONTAINS THE COURSE OBJECTIVES AND A DETAILED COURSE OUTLINE PROVIDING INFORMATION TOPICS, OPERATION TOPICS, STUDENT ACTIVITIES, AND TEACHER INFORMATION. A SAMPLE LESSON PLAN, TEST, JOB ASSIGNMENT SHEET, INFORMATION ASSIGNMENT SHEET, AND A BIBLIOGRAPHY ARE GIVEN. OTHER COURSE OUTLINES IN THIS SERIES ARE AVAILABLE AS VT 010 610 AND VT 011 661-VT 011 665 IN THIS ISSUE. (GR)

VT 011 661

GENERAL ELECTRICITY-ELECTRONICS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. INDUSTRIAL ARTS EDUCATION. MF AVAILABLE IN VT-ERIC SET. PUB DATE - 69 52P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *ELECTRICITY; *ELECTRONICS; *INDUSTRIAL ARTS; *TEACHING GUIDES; SECONDARY GRADES; COURSE CONTENT; COURSE DESCRIPTIONS; COURSE OBJECTIVES; BIBLIOGRAPHIES

ABSTRACT - DESIGNED TO SERVE AS A GUIDE TO THE TEACHER AND ADMINISTRATOR OF GENERAL ELECTRICITY-ELECTRONICS, THIS IS ONE OF SEVEN COURSE OUTLINES DEVELOPED AS A GRADUATE CLASS PROJECT FOR USE IN GRADES 10, 11, OR 12. A GENERAL INDUSTRIAL ARTS COURSE ON THE JUNIOR HIGH LEVEL (GRADES 7, 8, 9) IS A PREREQUISITE FOR THIS COURSE. DESIGNED FOR 1 HOUR A DAY AND A 180-DAY SCHOOL YEAR, THIS COURSE ACQUAINTS THE STUDENT WITH ALL PHASES OF GENERAL ELECTRICITY-ELECTRONICS TECHNOLOGY. INTRODUCTORY MATERIALS COVERS A GENERAL INTRODUCTION, A PLAN OF INSTRUCTIONAL PRACTICES, AND A STATEMENT OF THE EDUCATIONAL

PHILOSOPHY. THE MAJOR PORTION OF THE DOCUMENT CONTAINS THE COURSE OBJECTIVES AND A DETAILED COURSE OUTLINE PROVIDING INFORMATION TOPICS, OPERATION TOPICS, STUDENT ACTIVITIES, AND TEACHER INFORMATION. A SAMPLE LESSON PLAN, TEST, JOB ASSIGNMENT SHEET, INFORMATION ASSIGNMENT SHEET AND A BIBLIOGRAPHY ARE GIVEN. OTHER COURSE OUTLINES IN THIS SERIES ARE AVAILABLE AS VT 010 610 AND VT 011 660-VT 011 665 IN THIS ISSUE. (GR)

VT 011 662

GENERAL DRAFTING TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. INDUSTRIAL ARTS EDUCATION. MF AVAILABLE IN VT-ERIC SET. PUB DATE - 69 43P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *DRAFTING; *INDUSTRIAL ARTS; *TEACHING GUIDES; SECONDARY GRADES; COURSE CONTENT; COURSE DESCRIPTIONS; COURSE OBJECTIVES; BIBLIOGRAPHIES

ABSTRACT - DESIGNED TO SERVE AS A GUIDE TO THE TEACHER AND ADMINISTRATOR OF GENERAL DRAFTING, THIS IS ONE OF SEVEN COURSE OUTLINES DEVELOPED AS A GRADUATE CLASS PROJECT FOR USE IN GRADES 10, 11, OR 12. A GENERAL INDUSTRIAL ARTS COURSE ON THE JUNIOR HIGH LEVEL (GRADES 7, 8, 9) IS A PREREQUISITE FOR THIS COURSE. DESIGNED FOR 1 HOUR A DAY AND A 180-DAY SCHOOL YEAR, THIS COURSE ACQUAINTS THE STUDENT WITH THE VARIOUS PHASES OF GENERAL DRAFTING TECHNOLOGY. INTRODUCTORY MATERIALS COVERS A GENERAL INTRODUCTION, A PLAN OF INSTRUCTION PRACTICES, AND A STATEMENT OF THE EDUCATIONAL PHILOSOPHY. THE MAIN PORTION OF THE DOCUMENT CONTAINS THE COURSE OBJECTIVES AND A DETAILED COURSE OUTLINE PROVIDING INFORMATION TOPICS, OPERATION TOPICS, STUDENT ACTIVITIES, AND TEACHER INFORMATION. A SAMPLE LESSON PLAN, TEST, JOB ASSIGNMENT SHEET, INFORMATION ASSIGNMENT SHEET, AND A BIBLIOGRAPHY ARE GIVEN. OTHER COURSE OUTLINES IN THIS SERIES ARE AVAILABLE AS VT 010 610 AND VT 011 660-VT 011 665 IN THIS ISSUE. (GR)

BIBLIOGRAPHY ARE GIVEN. OTHER COURSE OUTLINES IN THIS SERIES ARE AVAILABLE AS VT 010 610 AND VT 011 660-VT 011 665 IN THIS ISSUE. (GR)

VT 011 663

GENERAL POWER TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. INDUSTRIAL ARTS EDUCATION. MF AVAILABLE IN VT-ERIC SET. PUB DATE - 69 53P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *POWER MECHANICS; *INDUSTRIAL ARTS; *TEACHING GUIDES; SECONDARY GRADES; COURSE CONTENT; COURSE DESCRIPTIONS; COURSE OBJECTIVES; BIBLIOGRAPHIES

ABSTRACT - DESIGNED TO SERVE AS A GUIDE TO THE TEACHER AND ADMINISTRATOR OF GENERAL POWER TECHNOLOGY, THIS IS ONE OF SEVEN COURSE OUTLINES DEVELOPED AS A GRADUATE CLASS PROJECT FOR USE IN GRADES 10, 11, OR 12. A GENERAL INDUSTRIAL ARTS COURSE ON THE JUNIOR HIGH LEVEL (GRADES 7, 8, 9) IS A PREREQUISITE FOR THIS COURSE. DESIGNED FOR 1 HOUR A DAY AND A 180-DAY SCHOOL YEAR, THIS COURSE ACQUAINTS THE STUDENT WITH THE VARIOUS PHASES OF GENERAL POWER TECHNOLOGY. INTRODUCTORY MATERIALS COVERS A GENERAL INTRODUCTION, A PLAN OF INSTRUCTION PRACTICES, AND A STATEMENT OF THE EDUCATIONAL PHILOSOPHY. THE MAIN PORTION OF THE DOCUMENT CONTAINS THE COURSE OBJECTIVES AND A DETAILED COURSE OUTLINE PROVIDING INFORMATION TOPICS, OPERATION TOPICS, STUDENT ACTIVITIES, AND TEACHER INFORMATION. A SAMPLE LESSON PLAN, TEST, JOB ASSIGNMENT SHEET, INFORMATION ASSIGNMENT SHEET, AND A BIBLIOGRAPHY ARE GIVEN. OTHER COURSE OUTLINES IN THE SERIES ARE AVAILABLE AS VT 010 610 AND VT 011 660-VT 011 665 IN THIS ISSUE. (GR)

VT 011 664

GENERAL WOOD TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.

GEORGIA STATE DEPT. OF EDUCATION,
ATLANTA. INDUSTRIAL ARTS EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 39P.

DESCRIPTORS - *STATE CURRICULUM
GUIDES; *WOODWORKING; *INDUSTRIAL
ARTS; *TEACHING GUIDES; SECONDARY
GRADES; COURSE CONTENT; COURSE
DESCRIPTIONS; COURSE OBJECTIVES;
BIBLIOGRAPHIES
IDENTIFIERS - GENERAL WOOD
TECHNOLOGY

ABSTRACT - DESIGNED TO SERVE AS A
GUIDE TO THE TEACHER AND
ADMINISTRATOR OF GENERAL WOODS AND
WOODWORKING, THIS IS ONE OF SEVEN
COURSE OUTLINES DEVELOPED AS A
GRADUATE CLASS PROJECT FOR USE IN
GRADES 10, 11, OR 12. A GENERAL
INDUSTRIAL ARTS COURSE ON THE
JUNIOR HIGH LEVEL (GRADES 7, 8, 9)
IS A PREREQUISITE FOR THIS COURSE.
DESIGNED FOR 1 HOUR A DAY AND A
180-DAY SCHOOL YEAR, THIS COURSE
ACQUAINTS THE STUDENT WITH THE
VARIOUS PHASES OF GENERAL WOOD
TECHNOLOGY. INTRODUCTORY MATERIAL
COVERS A GENERAL INTRODUCTION, A
PLAN OF INSTRUCTION PRACTICES, AND
A STATEMENT OF THE EDUCATIONAL
PHILOSOPHY. THE MAIN PORTION OF THE
DOCUMENT CONTAINS THE COURSE
OBJECTIVES AND A DETAILED COURSE
OUTLINE PROVIDING INFORMATION
TOPICS, OPERATION TOPICS, STUDENT
ACTIVITIES, AND TEACHER
INFORMATION. A SAMPLE LESSON PLAN,
TEST, JOB ASSIGNMENT SHEET, AND
INFORMATION ASSIGNMENT SHEET ARE
INCLUDED. A BIBLIOGRAPHY IS GIVEN.
OTHER COURSE OUTLINES IN THE SERIES
ARE AVAILABLE AS VT 010 610 AND VT
011 660-VT 011 665 IN THIS ISSUE.
(GR)

VT 011 665
GENERAL METAL TECHNOLOGY FOR
INDUSTRIAL ARTS; A COURSE OF STUDY
FOR THE UPPER GRADES.

GEORGIA STATE DEPT. OF EDUCATION,
ATLANTA. INDUSTRIAL ARTS EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 58P.

DESCRIPTORS - *STATE CURRICULUM
GUIDES; *METALS; *INDUSTRIAL ARTS;
*TEACHING GUIDES; SECONDARY GRADES;
COURSE CONTENT; COURSE
DESCRIPTIONS; COURSE OBJECTIVES;
BIBLIOGRAPHIES
IDENTIFIERS - GENERAL METAL
TECHNOLOGY

ABSTRACT - DESIGNED TO SERVE AS A
GUIDE TO THE TEACHER AND
ADMINISTRATOR OF GENERAL METALS,
THIS IS ONE OF SEVEN COURSE
OUTLINES DEVELOPED AS A GRADUATE
CLASS PROJECT FOR USE IN GRADES 10,
11, OR 12. A GENERAL INDUSTRIAL
ARTS COURSE ON THE JUNIOR HIGH
LEVEL (GRADES 7, 8, 9) IS A
PREREQUISITE FOR THIS COURSE.
DESIGNED FOR 1 HOUR A DAY AND A
180-DAY SCHOOL YEAR, THIS COURSE
ACQUAINTS THE STUDENT WITH THE
VARIOUS PHASES OF GENERAL METAL
TECHNOLOGY. INTRODUCTORY MATERIALS
COVER A GENERAL INTRODUCTION, A
PLAN OF INSTRUCTION PRACTICES, AND
A STATEMENT OF THE EDUCATIONAL
PHILOSOPHY. THE MAIN PORTION OF THE
DOCUMENT CONTAINS THE COURSE
OBJECTIVES AND A DETAILED COURSE
OUTLINE PROVIDING INFORMATION
TOPICS, OPERATION TOPICS, STUDENT
ACTIVITIES, AND TEACHER
INFORMATION. A SAMPLE LESSON PLAN,
TEST, JOB ASSIGNMENT SHEET, AND
INFORMATION ASSIGNMENT SHEET ARE
INCLUDED. A BIBLIOGRAPHY IS GIVEN.
OTHER COURSE OUTLINES IN THIS
SERIES ARE AVAILABLE AS VT 010 610
AND VT 011 660-VT 011 664 IN THIS
ISSUE. (GR)

VT 012 170
TEACHING IDEAS FOR AVIATION
EDUCATION. VOLUME II.

CESSNA AIRCRAFT CO., WICHITA, KANS.
AIR AGE EDUCATION DIV.
MF AVAILABLE IN VT-ERIC SET.
AIR AGE EDUCATION DIVISION, CESSNA
AIRCRAFT COMPANY, P.O. BOX 1521,
WICHITA, KANSAS 67201 (FREE TO
AVIATION INSTRUCTORS).
PUB DATE - 70 26P.

DESCRIPTORS - *TECHNICAL EDUCATION;
*AVIATION TECHNOLOGY; *TEACHING
TECHNIQUES; LEARNING ACTIVITIES;

*TEACHER DEVELOPED MATERIALS;
INSTRUCTIONAL AIDS; RESOURCE
MATERIALS; SIMULATION

ABSTRACT - THESE TEACHING IDEAS FOR PRESENTING A PHASE OF AVIATION EDUCATION TO STUDENTS WERE DEVELOPED BY HIGH SCHOOL AVIATION INSTRUCTORS WORKING AT A SEMINAR SPONSORED BY THE CESSNA AIRCRAFT COMPANY. MAJOR IDEAS INCLUDE: (1) BUILDING MODEL AIRPLANES AND A WIND TUNNEL, (2) DEMONSTRATING LIFT, AIRFLOW SMOKE, VISUAL STALL, AND THRUST, (3) USING A VISUAL AID FOR MAP WORK, (4) SHOWING A PICTORIAL HISTORY OF A CROSS-COUNTRY, (5) FORMING AN AIRLINE MANUFACTURING COMPANY, (6) OPERATING A WEATHER CENTER, (7) DESIGNING AN AIRPORT, AND (8) DISPLAYING MODEL AIRPLANES. A LIST OF SHORT APPROACHES FOR AN AVIATION EDUCATION PROGRAM IS ALSO INCLUDED. A RELATED DOCUMENT IS AVAILABLE IN THIS ISSUE AS VT 010 642. (S8)

VT 013 001

INDUSTRIAL ARTS FOR THE '70'S.
TEACHER'S MANUAL TV LESSON GUIDES.
SUGGESTED GRADE SENIOR HIGH.

CENTRAL VIRGINIA EDUCATIONAL
TELEVISION CORP., RICHMOND.
MF AVAILABLE IN VT-ERIC SET.
PROGRAM CONSULTANT, CENTRAL
VIRGINIA EDUCATIONAL TELEVISION
CORPORATION, 23 SESAME STREET, P.O.
3237, RICHMOND, VIRGINIA 23235.
PUB DATE - 70 21P.

DESCRIPTORS - *INDUSTRIAL ARTS;
*EDUCATIONAL TELEVISION; *MANUALS;
STUDY GUIDES; SECONDARY GRADES;
RESOURCE UNITS

ABSTRACT - DISTRIBUTED BY THE
CENTRAL VIRGINIA EDUCATIONAL
TELEVISION CORPORATION, THIS GUIDE
IS INTENDED TO PROVIDE AN OVERVIEW
TO CLASSROOM TEACHERS OF THE
INDUSTRIAL ARTS PROGRAMS TO BE
PRESENTED IN THE 1970 SCHOOL YEAR.
FIFTEEN LESSONS ARE LISTED, WITH
EXPLANATORY INFORMATION,
OBJECTIVES, AND SUGGESTED
ACTIVITIES FOR EACH. ALTHOUGH THIS
MATERIAL IS DATED, THE FORMAT

SHOULD BE OF INTEREST TO ALL
INDUSTRIAL ARTS PERSONNEL. (GEB)

VT 013 033

INDUSTRIAL ARTS CURRICULUM GUIDE
FOR GRAPHIC ARTS IN OHIO SCHOOLS.

OHIO INDUSTRIAL ARTS ASSOCIATION,
COLUMBUS.; OHIO STATE DEPT. OF
EDUCATION, COLUMBUS, OHIO.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUN68 57P.

DESCRIPTORS - *INDUSTRIAL ARTS;
TRADE AND INDUSTRIAL EDUCATION;
PRINTING; PHOTOGRAPHY; PAPER
(MATERIAL); FILMS; FILMSTRIPS;
*GRAPHIC ARTS; CAREER
OPPORTUNITIES; *CURRICULUM GUIDES;
*TEACHING GUIDES; ELEMENTARY
GRADES; SECONDARY GRADES

ABSTRACT - PREPARED FOR THE OHIO
INDUSTRIAL ARTS ASSOCIATION AND THE
STATE DEPARTMENT OF EDUCATION BY A
COMMITTEE OF TEACHERS, THIS COURSE
GUIDE IS FOR INSTRUCTOR USE IN
INTRODUCING GRAPHIC ARTS TO
STUDENTS IN ELEMENTARY AND
SECONDARY GRADES. THE PRIMARY
OBJECTIVE OF THE COURSE IS TO
PRESENT AN OVER-VIEW OF THE GRAPHIC
ARTS INDUSTRY AND TO PROVIDE
ACTIVITIES THAT SUGGEST WORTHWHILE
USE OF LEISURE TIME. UNITS COVERED
ARE: (1) HISTORY AND CAREER
OPPORTUNITIES, (2) GRAPHIC DESIGN,
(3) RELIEF PRINTING PROCESSES, (4)
OFFSET LITHOGRAPHY, (5) SILK
SCREEN, (6) PHOTOGRAPHY, (7)
GRAVURE, (8) PAPER TECHNOLOGY, AND
(9) RELATED MATERIALS AND
PROCESSES. DISCUSSION TOPICS,
TEACHING AIDS, DEMONSTRATION OR
EXPERIMENT SUGGESTIONS, PROJECT
ACTIVITIES, AND REFERENCE MATERIAL
ARE PRESENTED IN EACH UNIT. A
COMPREHENSIVE EQUIPMENT AND SUPPLY
SOURCE LIST, AND RECOMMENDED VISUAL
AIDS ARE INCLUDED. (GEB)

VT 013 038

ELEMENTS OF CONSTRUCTION
TECHNOLOGY, SENIOR DIVISION.

DEPARTMENT OF EDUCATION, OTTAWA
(ONTARIO).
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 69 14P.

DESCRIPTORS - *CURRICULUM GUIDES;
*VOCATIONAL EDUCATION;
*CONSTRUCTION NEEDS; *ARCHITECTURAL
DRAFTING; SAFETY; BIBLIOGRAPHIES;
SECONDARY GRADES; TEACHING GUIDES;
INDUSTRIAL ARTS; INDUSTRIAL
TECHNOLOGY

ABSTRACT - DEVELOPED FOR THE ONTARIO SECONDARY SCHOOLS, THIS CURRICULUM GUIDE IS INTENDED FOR TEACHER USE IN DEVELOPING LESSONS ON THE ELEMENTS OF CONSTRUCTION TECHNOLOGY AND IS DESIGNED FOR USE OVER A 2-YEAR PERIOD. SPECIFIC OBJECTIVES OF THE COURSE INCLUDE DEVELOPING A POSITIVE ATTITUDE TOWARD LEARNING, DEVELOPING THE ABILITY TO THINK IN THREE-DIMENSIONAL CONCEPTS, AND DEVELOPING SKILL IN THE COMMUNICATION OF TECHNICAL TOPICS. THE IMPORTANCE OF SAFETY AND THE VALUE OF FIELD TRIPS ARE BRIEFLY DISCUSSED. THE CONTENT OUTLINE INCLUDES THREE DIVISIONS: (1) THE CORE, (2) ARCHITECTURAL DRAFTING, AND (3) BUILDING CONSTRUCTION PRACTICES. AN EXTENSIVE ANNOTATED BIBLIOGRAPHY FOR EACH DIVISION IS INCLUDED. (GEB) |

VT 013 087
COOPERATIVE INDUSTRIAL ARTS TESTS
SPECIMEN SET.

EDUCATIONAL TESTING SERVICE,
PRINCETON, N.J. DISTRIBUTION
SERVICES.
DOCUMENT NOT AVAILABLE FROM EDRS.
COOPERATIVE TESTS AND SERVICES,
EDUCATIONAL TESTING SERVICE,
PRINCETON, NEW JERSEY 08540.
PUB DATE - 69 50P.

DESCRIPTORS - *INDUSTRIAL ARTS;
*STUDENT EVALUATION; *MEASUREMENT
INSTRUMENTS; *STANDARDIZED TESTS;
*TIMED TESTS; VOCATIONAL EDUCATION;
WOODWORKING; METALS; ENGINEERING
DRAWING; ELECTRICITY; ELECTRONICS;
GROUP NORMS; PERFORMANCE TESTS

ABSTRACT - ASSEMBLED TO PROVIDE
TEST USERS WITH A REPRESENTATIVE
SAMPLING OF COOPERATIVE TESTS, THIS

SPECIMEN SET CONTAINS ONE OF EACH
TEST FOR THE FOLLOWING SUBJECT
AREAS: (1) GENERAL INDUSTRIAL ARTS,
(2) WOODS, (3) METALS, (4)
ELECTRICITY/ELECTRONICS, AND (5)
DRAWING. ALSO INCLUDED ARE
DIRECTIONS FOR ADMINISTERING THE
TESTS, A LIST OF CORRECT ANSWERS,
AN ANSWER SHEET, AND NOTES ON SCORE
INTERPRETATION. TO ADMINISTER THESE
TESTS, TEST BOOKLETS, ANSWER
SHEETS, KEYS, AND A HANDBOOK OF
DIRECTIONS FOR ADMINISTERING AND
SCORING ARE AVAILABLE FROM THE
SOURCE OF AVAILABILITY LISTED
ABOVE. (JS) |

VT 013 101
ALBERTI, ALFRED J.
POWER MECHANICS I; INDUSTRIAL ARTS
III. COURSES OF STUDY.

MONADNOCK REGIONAL HIGH SCHOOL,
SWANZEY, N.H. INDUSTRIAL ARTS
DEPT.; KEENE STATE COLL., N.H. DEPT.
OF INDUSTRIAL ARTS
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JAN68 188P.

DESCRIPTORS - *POWER MECHANICS;
*INDUSTRIAL ARTS; *LESSON PLANS;
*TEACHING GUIDES; SECONDARY GRADES;
ENGINES; HAND TOOLS; AUTO
MECHANICS; TESTS; INSTRUCTIONAL
AIDS; STUDY GUIDES; LABORATORY
PROCEDURES

ABSTRACT - PREPARED FOR THE
MONADNOCK REGIONAL HIGH SCHOOL,
THIS COURSE OF STUDY IS FOR
INSTRUCTOR USE IN TEACHING POWER
MECHANICS IN GRADES 9 AND 10. THE
MATERIAL IS DESIGNED FOR USE WITH
THE TEXT "POWER MECHANICS" BY PAT
H. ATTEBERRY. PRIMARY OBJECTIVES
INCLUDE THE DEVELOPMENT OF A BASIC
WORKING KNOWLEDGE OF THE COMPONENT
OPERATION OF THE 2 AND 4-STROKE
CYCLE ENGINE, AN APPRECIATION OF
THE PRINCIPLES OF OPERATION OF THE
INTERNAL COMBUSTION ENGINE,
KNOWLEDGE OF SAFETY REQUIREMENTS,
AND AN APPRECIATION FOR THE CORRECT
TOOLS, MATERIALS, AND GOOD
WORKMANSHIP. THE 33 LESSON PLANS
INCLUDE SPECIFIC OBJECTIVES,
SUGGESTED INSTRUCTIONAL AIDS, AN
OUTLINE FOR LESSON CONTENT,

APPLICATIONS, FOLLOW-UP SUGGESTIONS, AND ASSIGNMENTS. THE LABORATORY SHEETS STATE THE PURPOSES, AND GIVE A STEP-BY-STEP PROCEDURE FOR ACTION. INFORMATION SHEETS, SAMPLE REPORT CARDS, PERSONNEL RECORDS, AND TESTS ARE INCLUDED. (GEB)]

VT 013 284
MASS PRODUCTION.

UTAH STATE UNIV., LOGAN.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 65 17P. REPORT ON
UTAH STATE UNIVERSITY EXTENSION
CLASS AT WEST HIGH SCHOOL, SALT
LAKE CITY, UTAH, SEPTEMBER 23, 1965
TO DECEMBER 16, 19

DESCRIPTORS - *INDUSTRIAL ARTS;
TRADE AND INDUSTRIAL EDUCATION;
SECONDARY SCHOOLS; ADULT EDUCATION;
*MASS PRODUCTION; SIMULATED
ENVIRONMENT; *SIMULATION;
*MANUFACTURING; INSTRUCTIONAL
INNOVATION; *TEACHING GUIDES

ABSTRACT - REPORTED BY AN EXTENSION CLASS, MADE UP OF TEN SECONDARY SCHOOL TEACHERS AT WEST HIGH SCHOOL OF SALT LAKE CITY, THIS DOCUMENT DESCRIBES THE METHODS USED TO DEMONSTRATE THE VALUE AND FUNCTIONS OF MASS PRODUCTION. IT IS WRITTEN TO BE USED AS A GUIDE FOR TEACHERS OF INDUSTRIAL ARTS IN TEACHING A UNIT ON MASS PRODUCTION. THE FOUR SECTIONS INCLUDED ARE: (1) INTRODUCTION, (2) ORGANIZING AND PRE-PRODUCTION PLANNING, (3) PRODUCTION, AND (4) REPORTS. EACH SECTION IS DESIGNED TO STIMULATE THOUGHT ON A PARTICULAR PHASE OF MANUFACTURING AND PROVIDE A STEP-BY-STEP ACCOUNT OF HOW A PRODUCT IS MASS PRODUCED USING A SIMULATED ORGANIZATION IN THE CLASS SETTING. (GEB)]

VT 013 287
JACOBSON, JOHN; SINN, HAROLD
ELECTRONICS 1-4.

MILWAUKEE PUBLIC SCHOOLS, WIS.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 65 B7P.

DESCRIPTORS - *INDUSTRIAL ARTS;
*ELECTRONICS; *CURRICULUM GUIDES;
*INSTRUCTIONAL MATERIALS; SHOP
CURRICULUM; ELECTRICITY; REFERENCE
MATERIALS; FILMS; FILMSTRIPS;
BIBLIOGRAPHIES; SCHOOL SAFETY;
RESOURCE MATERIALS; SECONDARY
GRADES

ABSTRACT - PREPARED FOR THE MILWAUKEE PUBLIC SCHOOLS BY MEMBERS OF THE ELECTRICITY AND ELECTRONICS TEXTBOOK COMMITTEE, THIS CURRICULUM GUIDE SHOULD HELP TEACHERS SELECT, ORGANIZE, AND PRESENT A 4-SEMESTER COURSE IN ELECTRONICS. ELECTRONICS 1-2 IS DESIGNED FOR USE ONE PERIOD DAILY IN GRADE 10 AND CARRIES ONE-HALF CREDIT PER SEMESTER, AND ELECTRONICS 3-4 IS FOR THE SAME TIME PERIOD IN GRADE 11. BRIEF COURSE DESCRIPTIONS STATE THE OVERALL THEORY, PRACTICES, AND OBJECTIVES OF THE COURSES, A SECTION ON TOPICS INCLUDED IN SHOP EXPERIENCES LISTS THE THEORETICAL AND PRACTICE MATERIAL TO BE COVERED, AND AN OUTLINE OF THE SPECIFIC JOBS BREAKS THE COURSE CONTENT INTO UNITS TO BE COVERED, REFERENCES USED, FILMS AND FILMSTRIPS, JOBS, AND DEMONSTRATIONS ON A DETAILED BASIS. SAFETY RULES, A BIBLIOGRAPHY, A LIST OF FREE AND INEXPENSIVE MATERIALS, AND AIDS FOR THE INSTRUCTOR ARE ALSO INCLUDED. (GEB)]

VT 013 344
THE DEVELOPMENT OF A TOTAL PROGRAM OF EDUCATION FOR THE WORLD OF WORK. PART III, FACILITIES AND EQUIPMENT GUIDE.

DELAWARE OCCUPATIONAL RESEARCH
COORDINATING UNIT, DOVER.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 50P.

DESCRIPTORS - *VOCATIONAL
EDUCATION; *MANUALS; *EDUCATIONAL
FACILITIES; *EDUCATIONAL EQUIPMENT;
*PROGRAM PLANNING; TECHNICAL
EDUCATION; INDUSTRIAL ARTS;
OCCUPATIONAL CLUSTERS; PROGRAM
DEVELOPMENT

ABSTRACT - DEVELOPED FOR USE AS AN EQUIPMENT AND FURNITURE GUIDE, THIS MANUAL INCLUDES RELATED INFORMATION CONCERNING SIX CLUSTERS OF VOCATIONAL OCCUPATIONS, TECHNICAL OCCUPATIONS, AND INDUSTRIAL ARTS. RECOMMENDED MACHINERY, PORTABLE EQUIPMENT, AND FURNITURE ARE INCLUDED FOR VARIOUS PROGRAMS SUCH AS: (1) DISTRIBUTIVE EDUCATION, (2) OFFICE OCCUPATIONS EDUCATION, (3) AGRICULTURE, (4) HEALTH OCCUPATIONS, (5) TRADE AND INDUSTRIAL, AND (6) HOME ECONOMICS. ALSO INCLUDED ARE RECOMMENDATIONS CONCERNING FACILITIES FOR THESE SIX CLUSTERS AND FOR INDUSTRIAL ARTS. COST INFORMATION IS NOT PROVIDED IN THE MANUAL. RELATED DOCUMENTS ARE AVAILABLE AS VT 007 470 (ARM FALL 1971) AND VT 013 343. (JS)

VT 013 363
AERONAUTICAL SCIENCE COURSE OF STUDY.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO.; REDONDO UNION HIGH SCHOOL OF THE SOUTH BAY UNION HIGH SCHOOL DISTRICT, REDONDO BEACH, CALIF.
FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
GA-20-10
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (TD4.8:AE8, \$2.25).
PUB DATE - OCT69 227P.

DESCRIPTORS - *AEROSPACE TECHNOLOGY; *CURRICULUM GUIDES; *TEACHING GUIDES; *VOCATIONAL EDUCATION; CAREER OPPORTUNITIES; RESOURCE MATERIALS; DEMONSTRATIONS (EDUCATIONAL); SECONDARY GRADES; INSTRUCTIONAL MATERIALS; PROGRAM DEVELOPMENT

ABSTRACT - DEVELOPED BY THE CALIFORNIA STATE DEPARTMENT OF EDUCATION IN COOPERATION WITH REDONDO UNION HIGH SCHOOL AND WITH THE ASSISTANCE OF THE AEROSPACE EDUCATION ADVISORY COMMITTEE, THIS CURRICULUM GUIDE IS FOR INSTRUCTOR USE IN TEACHING AERONAUTICAL

SCIENCE. SPECIFIC REASONS FOR THE DEVELOPMENT OF THESE MATERIALS ARE THAT THERE IS AN INCREASED INTEREST IN AVIATION AND SPACE CAREERS BY YOUTH, AND THAT THE SAFETY RECORD OF AVIATION MIGHT BE IMPROVED THROUGH SCIENTIFIC INSTRUCTIONS TO PROSPECTIVE PILOTS. MAJOR UNITS ARE: (1) BASIC AERONAUTICS, (2) METEOROLOGY, (3) NAVIGATION, (4) FEDERAL AVIATION REGULATIONS, (5) SPEED OF SOUND, (6) PHYSIOLOGY OF FLIGHT, (7) MAN IN SPACE, (8) HISTORY OF AVIATION, (9) ECONOMIC FACTORS OF AVIATION AND SPACE, (10) FLIGHT INDOCTRINATION, AND (11) FLIGHT TRAINING. EACH UNIT INCLUDES AN INTRODUCTION, AN OUTLINE, SUGGESTED DEMONSTRATIONS, AND A LIST OF RESOURCE MATERIALS. (GEB)

VT 013 365
SAFETY TRAINING TECHNIQUES IN THE CLASSROOM.

BUREAU OF LABOR STANDARDS (DOL), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OSA-LS-180-REVISED
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402
(L16.49:180/2, \$.10).
PUB DATE - MAY70 7P.1970
REVISION.

DESCRIPTORS - *SAFETY EDUCATION; *TRAINING TECHNIQUES; TEACHING TECHNIQUES; MOTIVATION TECHNIQUES; MECHANICAL TEACHING AIDS; INSTRUCTIONAL MATERIALS

ABSTRACT - THIS SIX PAGE PAMPHLET WAS DEVELOPED TO PROVIDE INSTRUCTORS WITH TIPS TO EFFECTIVELY TEACH SAFETY TECHNIQUES IN THE CLASSROOM. THE TOPICS INCLUDE: (1) WHAT MAKES A GOOD SAFETY INSTRUCTOR, (2) PLANNING A SAFETY TRAINING COURSE, (3) PSYCHOLOGY IN TEACHING SAFETY, (4) SAFETY TRAINING METHODS, (5) MOTIVATION, (6) CLASSROOM CONDITIONS, (7) MECHANICAL ASPECTS OF INSTRUCTION, AND (8) BLACKBOARD TECHNIQUES. THE DOCUMENT IS PROFUSELY ILLUSTRATED WITH SKETCHES. (GEB)

VT 013 403
PLASTICS, 1-2.

FORT WORTH PUBLIC SCHOOLS, TEXAS.
 MF AVAILABLE IN VT-ERIC SET.
 CUR-BUL-213
 FORT WORTH INDEPENDENT SCHOOL
 DISTRICT, OFFICE OF BUSINESS
 MANAGER, 3210 WEST LANCASTER, FORT
 WORTH, TEXAS 76107 (\$2.50).
 PUB DATE - 69 61P.

DESCRIPTORS - *INDUSTRIAL ARTS;
 *CURRICULUM GUIDES; *TEACHING
 GUIDES; *PLASTICS; SECONDARY
 GRADES; BIBLIOGRAPHIES;
 INSTRUCTIONAL MATERIALS

ABSTRACT - PREPARED BY THE
 DEPARTMENT OF CURRICULUM OF THE
 FORT WORTH PUBLIC SCHOOLS, THIS
 TEACHING GUIDE IS TO ASSIST
 TEACHERS WHO ARE WORKING WITH
 PLASTICS AS PART OF THEIR
 INDUSTRIAL ARTS CURRICULUM. PART 1
 OF THE DOCUMENT CONTAINS THE
 INTRODUCTION WHICH DESCRIBES
 PLASTICS, PROVIDES OBJECTIVES OF
 THE COURSE, DESCRIBES THE BASIC
 CONTENT, AND OUTLINES HOW THE GUIDE
 SHOULD BE USED. PART 2 IS MADE UP
 OF 11 UNITS WHICH INCLUDE: (1)
 METHODS FOR PROCESSING PLASTICS,
 (2) PLASTIC HEATERS, OVENS, RADIANT
 HEATING, AND OVEN HEATING
 TECHNIQUES, (3) PLASTIC SHEET
 FORMING, (4) DIE AND MOLD
 CONSTRUCTION, (5) GENERAL
 FABRICATION, (6) FINISH AND SURFACE
 POLISHING, (7) VACUUM FORMING, AND
 (8) LAMINATING. PART 3 PROVIDES A
 BIBLIOGRAPHY. (GEB)

VT 013 406
INDUSTRIAL ARTS, GRADES 9 THROUGH
12. (EXPERIMENTAL EDITION).

NEDERLAND INDEPENDENT SCHOOL
 DISTRICT, TEXAS.
 MF AVAILABLE IN VT-ERIC SET.
 NEDERLAND INDEPENDENT SCHOOL
 DISTRICT, CURRICULUM OFFICE, P.O.
 BOX 908, NEDERLAND, TEXAS 77627
 (\$6.00).
 PUB DATE - AUG68 103P.

DESCRIPTORS - *INDUSTRIAL ARTS;

*CURRICULUM GUIDES; *MODELS;
 SECONDARY GRADES; WOODWORKING;
 ENGINEERING DRAWING; ELECTRICITY;
 METALS; POWER MECHANICS; *LEARNING
 ACTIVITIES; *INSTRUCTIONAL
 MATERIALS

ABSTRACT - DEVELOPED FOR THE
 NEDERLAND INDEPENDENT SCHOOL
 DISTRICT, THIS CURRICULUM GUIDE IS
 FOR INDUSTRIAL ARTS TEACHERS IN
 GRADES 9 THROUGH 12. IT IS INTENDED
 AS A CURRICULUM MODEL CONTAINING
 SUGGESTIONS FOR TEACHERS. THE
 MATERIAL IS BASED ON THE PHILOSOPHY
 THAT CHILDREN ARE DIFFERENT,
 CONTINUOUS PROGRESS IS NECESSARY,
 TEACHERS ARE DIFFERENT, AND THAT
 ORGANIZATION FOR THE INDIVIDUAL IS
 NECESSARY. THE AREAS INCLUDED ARE:
 (1) GENERAL SHOP, (2) WOODWORKING,
 AND (3) MECHANICAL DRAWING. EACH
 AREA IN THE GUIDE INCLUDES LEARNING
 ACTIVITIES, TECHNICAL INFORMATION,
 GENERAL INFORMATION, SUGGESTIONS
 AND RESOURCES, AND SAFETY. (GEB)

VT 013 423
SAFETY EDUCATION IN IDAHO SCHOOLS.

IDAHO STATE DEPT. OF EDUCATION,
 BOISE.
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - ND 268P.

DESCRIPTORS - *VOCATIONAL
 EDUCATION; *SAFETY EDUCATION;
 *SCHOOL SAFETY; *RESOURCE GUIDES;
 *SUPPLEMENTARY TEXTBOOKS; RESOURCE
 MATERIALS; BIBLIOGRAPHIC CITATIONS;
 SCIENCE; FILMS; PHYSICAL EDUCATION;
 STUDY GUIDES

ABSTRACT - THIS GUIDE ON SAFETY
 EDUCATION DEVELOPED BY A SAFETY
 EDUCATION COMMITTEE COMPRISES EIGHT
 SECTIONS: (1) SAFETY EDUCATION IN
 IDAHO SCHOOLS, (2) SAFETY AND
 PHYSICAL EDUCATION, (3) SCIENCE
 SAFETY, (4) SCHOOL PATROLS, (5)
 SAFETY IN HOME ECONOMICS, (6)
 INDUSTRIAL ARTS SAFETY, (7) SAFETY
 IN VOCATIONAL AGRICULTURE, AND (8)
 SAFETY IN TRADE AND TECHNICAL
 EDUCATION. EACH SECTION OR
 PUBLICATION IS DESIGNED TO SERVE AS
 A GUIDE FOR A PARTICULAR AREA OF
 INSTRUCTION. THESE SECTIONS PROVIDE

CONTENT THAT CAN BE USED IN TEACHING AS WELL AS LISTINGS OF REFERENCES, FILMS, AND OTHER TEACHING AIDS. (GB)

VT 013 483 ED 053 312

TODD, RONALD D.
AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.

CASE WESTERN RESERVE UNIV., CLEVELAND, OHIO. INST. FOR THE STUDY OF TECHNOLOGY IN EDUCATION. EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - 21MAY71 15P.

DESCRIPTORS - *INDUSTRIAL TECHNOLOGY; *CURRICULUM DEVELOPMENT; EDUCATIONAL INNOVATION; INDUSTRIAL ARTS; *INSTRUCTIONAL MATERIALS; AUTOMATION; SECONDARY GRADES; *SPEECHES; SCHOOL INDUSTRY RELATIONSHIP; *VOCATIONAL EDUCATION

ABSTRACT - A COOPERATIVE AUTOMATION STUDY PROJECT IS PROPOSED BETWEEN THE INSTITUTE FOR THE STUDY OF TECHNOLOGY IN EDUCATION (TIE) AND THE MATERIAL HANDLING INSTITUTE (MHI). THE PROJECT WOULD DEVELOP INSTRUCTIONAL MATERIALS TO SUPPORT STUDY ABOUT AUTOMATION, INTEGRATE A SUPPORT EQUIPMENT SYSTEM WITH THE MATERIALS, AND UTILIZE A PORTION OF THE RESOURCES OF INDUSTRY AND THE TALENTS OF INTERESTED INDIVIDUALS IN THE DEVELOPMENT OF INSTRUCTIONAL MATERIALS REFLECTIVE OF CONTEMPORARY TECHNOLOGY. THERE ARE FOUR ASPECTS OF THE PROJECT UNDER CONSIDERATION: (1) THE CURRICULUM PROGRAM, (2) THE ORGANIZATION OF TIE, (3) THE MISSIONS OF TIE, AND (4) THE OUTPUTS OF THE PROJECT. TECHNOLOGY IS DEFINED HERE AS THE INTEGRATOR AND DIRECTOR OF KNOWLEDGE AS APPLIED TO SOLVING PRACTICAL PROBLEMS. ON THE NINTH GRADE LEVEL, THE SIX PARTS OF TECHNOLOGY ARE MATERIALS, PROCESSES, MACHINES, ENERGY, INFORMATION AND MAN. ON THE NEXT LEVEL, THE STUDENT STUDIES IN THE AREAS OF COMMUNICATIONS,

CONSTRUCTION, MANUFACTURING, OR SERVICE. AT GRADE 12 LEVEL, WORK WILL BE CONCENTRATED IN RESEARCH AND DEVELOPMENT AND JOB STAGING. (AUTHOR/GB)

VT 013 509

COLLICT, GEORGE; CARUSO, PATRICK
TECHNICAL GRAPHICS.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. VOCATIONAL-TECHNICAL CURRICULUM LAB.; MORRIS HILL HIGH SCHOOLS, ROCKAWAY, N.J. NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS UNIVERSITY, 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 (\$3.00).
PUB DATE - JAN71 302P.

DESCRIPTORS - *INDUSTRIAL ARTS; *ENGINEERING GRAPHICS; *VOCATIONAL EDUCATION; *ORTHOGONAL PROJECTION; SECONDARY GRADES; DRAFTING; POST SECONDARY EDUCATION; DEFINITIONS; GEOMETRIC CONCEPTS; STUDY GUIDES; *WORKBOOKS; TRADE AND INDUSTRIAL EDUCATION

ABSTRACT - PREPARED BY A DRAFTING INSTRUCTOR AND DEVELOPED AND TESTED IN A DRAFTING DEPARTMENT, THIS WORKBOOK IS FOR STUDENT USE IN HIGH SCHOOL AND POST HIGH SCHOOL TECHNICAL DRAFTING COURSES. MAJOR UNITS INCLUDE: (1) WHAT IS TECHNICAL GRAPHICS? (2) LETTERING PRACTICES, (3) GEOMETRICAL CONSTRUCTIONS, (4) ORTHOGRAPHIC PROJECTION--"POINTS," "LINES," "PLANES," AND "SOLIDS," (5) SHORTEST DISTANCES, AND (6) INTERSECTIONS. SEVERAL LESSONS ARE INCLUDED WITH EACH UNIT, AND CONTAIN STATED PURPOSES, ILLUSTRATIONS, PROBLEMS, AND ASSIGNMENTS. LISTS OF DEFINITIONS AND FORMULAS ARE INCLUDED. (GB)

VT 013 513

SMALL GAS ENGINES I, COURSE OF STUDY.

PITTSBURGH BOARD OF PUBLIC EDUCATION, PA. DIV. OF CURRICULUM AND INSTRUCTION.

PENNSYLVANIA STATE DEPT. OF PUBLIC INSTRUCTION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL, AND CONTINUING EDUCATION
MF AVAILABLE IN VT-ERIC SET.
PITTSBURGH PUBLIC SCHOOL,
ADMINISTRATIVE BUILDING, BELLEFIELD AVENUE AT FORBES AVENUE,
PITTSBURGH, PA. 15213 (\$4.00, FOR LIBRARIES OF UNIVERSITIES AND SCHOOL DISTRICTS ONLY, ORDER MUST BE PREPAID--MAKE CHECKS PAYABLE TO PITTSBURGH BOARD OF PUBLIC EDUCATION).
PUB DATE - SEP68 61P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *CURRICULUM GUIDES; *ENGINES; *AUTO MECHANICS; *AUTO MECHANICS (OCCUPATION); COURSE CONTENT; COURSE OBJECTIVES; COURSE ORGANIZATION; BIBLIOGRAPHIC CITATIONS; INSTRUCTIONAL MATERIALS

ABSTRACT - THIS COURSE OF STUDY HAS BEEN CONSTRUCTED TO DEVELOP A BASIC KNOWLEDGE OF THE THEORIES AND PRACTICES WHICH UNDERLIE ALL GASOLINE ENGINE REPAIR. BASICALLY, THE CURRICULUM IS DESIGNED TO PRESENT AN OVERVIEW OF ELEMENTARY KNOWLEDGE OF ENGINE REPAIR AND TO DEVELOP SKILLS WHICH WILL BE USED IN ENTRY LEVEL POSITIONS RELATED TO EMPLOYMENT IN THE SMALL GAS ENGINE MARKET. TOPICS ARE: (1) SHOP PRACTICES AND GENERAL SAFETY RULES, (2) PRINCIPLES OF SMALL GASOLINE ENGINE OPERATION, (3) FASTENERS, (4) COMMON TOOLS, (5) SMALL ENGINE DESIGN, FUNCTION, AND MECHANICS, (6) COOLING SYSTEM, (7) LUBRICATION SYSTEMS, (8) FUEL SYSTEMS, (9) ELECTRICAL SYSTEMS, AND (10) TROUBLE-SHOOTING AND REPAIR. THE CONTENT IS PRESENTED BY TOPICS FOR STUDY WITH SUGGESTED STUDENT LEARNING ACTIVITIES AND EVALUATING PROCEDURES. A BIBLIOGRAPHY IS APPENDED. A RELATED DOCUMENT, "SMALL GAS ENGINES II," IS AVAILABLE IN THIS ISSUE AS VT 013 514. (GB)

VT 013 514

SMALL GAS ENGINES II, COURSE OF STUDY.

PITTSBURGH BOARD OF PUBLIC EDUCATION, PA. DIV. OF CURRICULUM AND INSTRUCTION.
PENNSYLVANIA STATE DEPT. OF PUBLIC INSTRUCTION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL, AND CONTINUING EDUCATION
MF AVAILABLE IN VT-ERIC SET.
PITTSBURGH PUBLIC SCHOOL,
ADMINISTRATIVE BUILDING, BELLEFIELD AVENUE AT FORBES AVENUE,
PITTSBURGH, PA. 15213 (\$4.00, FOR LIBRARIES OF UNIVERSITIES AND SCHOOL DISTRICTS ONLY, ORDERS MUST BE PREPAID--MAKE CHECKS PAYABLE TO PITTSBURGH BOARD OF PUBLIC EDUCATION).
PUB DATE - AUG69 40P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *CURRICULUM GUIDES; *ENGINES; *AUTO MECHANICS; *AUTO MECHANICS (OCCUPATION); COURSE CONTENT; COURSE OBJECTIVES; COURSE ORGANIZATION; BIBLIOGRAPHIC CITATIONS; INSTRUCTIONAL MATERIALS

ABSTRACT - THIS COURSE OF STUDY HAS BEEN CONSTRUCTED TO DEVELOP A BASIC KNOWLEDGE OF THE THEORIES AND PRACTICES OF ALL GASOLINE ENGINE REPAIR. BASICALLY, THE CURRICULUM IS DESIGNED TO PRESENT AN OVERVIEW OF ELEMENTARY KNOWLEDGE OF ENGINE REPAIR AND TO DEVELOP SKILLS WHICH WILL BE USED IN ENTRY LEVEL POSITIONS RELATED TO EMPLOYMENT IN THE SMALL GAS ENGINE MARKET. TOPICS ARE: (1) CONSTRUCTION OF MULTIPLE CYLINDER ENGINES, (2) ORDERING AND STOCKING OF PARTS, (3) DRIVE SYSTEMS, (4) CLUTCH, (5) TRANSMISSION, AND (6) PRODUCT SERVICES. THE CONTENT IS PRESENTED BY TOPICS FOR STUDY WITH SUGGESTED STUDENT LEARNING ACTIVITIES AND EVALUATING PROCEDURES. A BIBLIOGRAPHY IS APPENDED. A RELATED DOCUMENT, "SMALL GAS ENGINES I," IS AVAILABLE IN THIS ISSUE AS VT 013 513. (GB)

VT 013 520
UNIFIED ARTS, COURSE OF STUDY.

MIDDLETOWN CITY SCHOOL DISTRICT,
OHIO.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 49P.

DESCRIPTORS - *INDUSTRIAL ARTS;
*HOME ECONOMICS; *TEACHING GUIDES;
*INSTRUCTIONAL MATERIALS; *UNIFIED
STUDIES PROGRAMS; CURRICULUM
GUIDES; SECONDARY GRADES;
BIBLIOGRAPHIES; LEARNING ACTIVITIES

ABSTRACT - PREPARED THROUGH THE
COMBINED EFFORTS OF TEACHERS AND
COORDINATORS, THIS TEACHING GUIDE
IS INTENDED TO SERVE AS A GUIDE FOR
PERSONS TEACHING UNIFIED ARTS.
UNIFIED ARTS IS DEFINED AS A
COMBINATION OF INDUSTRIAL ARTS AND
HOME ECONOMICS. THE MATERIAL
INCLUDES GOALS AND OBJECTIVES,
CONTENT TO BE COVERED, SUGGESTED
ACTIVITIES, GOALS TO BE MASTERED,
CONCEPTS AND GENERALIZATIONS TO BE
DEVELOPED, AND DEVELOPMENTAL VALUES
TO BE ACQUIRED. IN THE AREAS
RELATED TO INDUSTRIAL ARTS THE
FOLLOWING TOPICS ARE INCLUDED: (1)
ELECTRICITY, (2) INDUSTRIAL METALS,
(3) WOOD PRODUCTS, (4) MECHANICAL
DRAWING, AND (5) EXPLORATORY
PLASTICS. IN HOME ECONOMICS THE
TOPICS ARE: (1) NUTRITION, (2)
SEWING, AND (3) PERSONAL CARE AND
GROOMING. A SEPARATE BIBLIOGRAPHY
IS INCLUDED FOR EACH AREA. SEVERAL
SUGGESTED ACTIVITIES ARE
REPRESENTED BY LINE DRAWINGS, AND A
LIST OF SUGGESTED PROJECTS IS
INCLUDED. (GEB)

VT 013 538
OPHEIM, EARL L., AND OTHERS
COURSE OF STUDY FOR EDUCATION AND
VOCATIONAL PLANNING.

MASON CITY COMMUNITY SCHOOLS, IOWA.
DEPT. OF CURRICULUM.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 67 53P.

DESCRIPTORS - *VOCATIONAL
EDUCATION; *OCCUPATIONAL GUIDANCE;
*TEACHING GUIDES; OCCUPATIONAL
INFORMATION; JUNIOR HIGH SCHOOLS;
GUIDANCE FUNCTIONS; *OCCUPATIONAL
TESTS; RESOURCE MATERIALS;
MEASUREMENT INSTRUMENTS;

BIBLIOGRAPHIES
IDENTIFIERS - OCCUPATIONAL
EXPLORATIONS

ABSTRACT - DEVELOPED BY JUNIOR HIGH
SCHOOL COUNSELORS, THIS COURSE OF
STUDY FOR EDUCATIONAL AND
VOCATIONAL PLANNING IS FOR TEACHER
OR COUNSELOR USE IN HELPING A
STUDENT REALIZE THE POSSIBILITIES
OPEN TO HIM FOR A VOCATION. GENERAL
OBJECTIVES INCLUDE HELPING THE
STUDENT TO APPRAISE HIMSELF, TO
EXPLORE OCCUPATIONAL GROUPS, TO
ASCERTAIN THE COMPATIBILITY OF HIS
PERSONAL QUALITIES WITH THE DEMANDS
OF PARTICULAR OCCUPATIONS, AND TO
DEVELOP AN APPRECIATION FOR THE
DIGNITY OF WORK AND THE
CONTRIBUTIONS MADE TO SOCIETY BY
ALL WORKERS. UNITS INCLUDE: (1)
SELF-APPRAISAL, (2) OCCUPATIONAL
TRENDS, (3) OCCUPATIONAL
EXPLORATION, AND (4) EDUCATIONAL
PLANNING. EACH UNIT CONTAINS
SPECIFIC OBJECTIVES, AN INITIATION
OF THE UNIT, A LIST OF RESOURCE
MATERIALS, SUGGESTED ACTIVITIES,
AND INSTRUMENTS TO BE USED FOR
INVENTORY PURPOSES. HEAVY RELIANCE
IS PLACED ON COMMERCIALY PREPARED
INVENTORY INSTRUMENTS. (GEB)

VT 013 546
DUVALL, BARRY, AND OTHERS
AN INTRODUCTION TO TECHNOLOGY:
ENERGY, INFORMATION, PROCESSES,
MACHINES, AND MATERIALS.

INDIANA STATE UNIV., TERRE HAUTE.
DIV. OF INDUSTRIAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 64P.

DESCRIPTORS - *INDUSTRIAL
EDUCATION; *INDUSTRIAL ARTS;
*CURRICULUM GUIDES; *INDUSTRIAL
TECHNOLOGY; *CONCEPTUAL SCHEMES;
ENERGY; INSTRUCTIONAL MATERIALS;
MACHINE TOOLS; INFORMATION
PROCESSING; LEARNING PROCESSES;
BUILDING MATERIALS

ABSTRACT - DEVELOPED BY INDIVIDUALS
ON THE STAFF OF THE DIVISION OF
INDUSTRIAL EDUCATION AT INDIANA
STATE UNIVERSITY, THIS DOCUMENT IS
DESIGNED TO PROVIDE CONCEPTUAL

FRAMEWORKS THROUGH WHICH SPECIFIC LAB AND SHOP ACTIVITIES CAN BE INTERRELATED. THESE FRAMEWORKS CAN HELP THE STUDENT FIND THE SIMILARITIES OF A WIDE RANGE OF TECHNOLOGICAL ACTIVITIES AND PROVIDE THE TEACHER WITH THEMES AND CONNECTORS FOR TYING TOGETHER MANY DIFFERENT STUDENT LEARNING EXPERIENCES. THIS DOCUMENT IS INTENDED FOR INDUSTRIAL ARTS AND TECHNICALLY-ORIENTED TEACHERS WHO ARE TEACHING INTRODUCTORY COURSES SUCH AS WOODS, METALS, GRAPHICS, AND ELECTRONICS AT THE HIGH SCHOOL LEVEL. SPECIFIC UNITS ARE: (1) ENERGY, (2) INFORMATION, (3) PROCESSES, (4) MACHINES, (5) MATERIALS. SELECTED REFERENCES ARE PROVIDED FOR EACH OF THE FIVE UNITS, AND THE GUIDE IS ILLUSTRATED WITH LINE DRAWINGS. (AUTHOR/GEB)

VT 013 547

INDUSTRIAL WOODWORKING, AN INSTRUCTIONAL GUIDE.

LOS ANGELES CITY SCHOOLS, CALIF. DIV. OF INSTRUCTIONAL PLANNING AND SERVICES.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 121P.

DESCRIPTORS - *WOODWORKING; *INDUSTRIAL ARTS; *TEACHING GUIDES; *TRADE AND INDUSTRIAL EDUCATION; VOCATIONAL EDUCATION; CONSTRUCTION (PROCESS); PATTERNMAKING; MASONRY; SCHOOL SAFETY; TESTS; INSTRUCTIONAL MATERIALS

ABSTRACT - DEVELOPED BY TEACHER-SUPERVISOR COMMITTEES, THIS GUIDE IS FOR TEACHER USE IN PLANNING DAY-TO-DAY INSTRUCTION IN INDUSTRIAL WOODWORKING. PRESENTED IN A 2-COLUMN FORMAT, THIS MATERIAL IS FOR USE OVER A PERIOD OF SIX SEMESTERS AND INCLUDES INDUSTRIAL WOODWORKING FOR BOTH INDUSTRIAL ARTS AND INDUSTRIAL OCCUPATIONS. MAJOR AREAS INCLUDE: (1) BASIC WOODWORKING PRINCIPLES SUCH AS FASTENERS, CUTTING TOOLS, MACHINES, ETC., (2) HOUSE CONSTRUCTION, (3) MASONRY, (4) PATTERNMAKING, AND (5) UPHOLSTERY. A SERIES OF GENERAL INFORMATION UNITS, A LIST OF SAFETY

RULES, AND A SIMPLE SAFETY TEST ARE INCLUDED. (GEB)

VT 013 550 ED 052 368
INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.

MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. U.S. TRAINING AND EMPLOYMENT SERVICE.
EDRS PRICE MF-\$0.65 HC-\$3.29
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (L 1.7/2:IN 8, \$1.00).
PUB DATE - 70 78P.

DESCRIPTORS - *MANUALS; PERSONNEL SELECTION; *PLACEMENT; *DISADVANTAGED GROUPS; *EDUCATIONAL PROGRAMS; GUIDELINES; *EMPLOYMENT; APPRENTICESHIPS; EMPLOYMENT COUNSELORS

ABSTRACT - THIS HANDBOOK IS DESIGNED TO ASSIST LOCAL EMPLOYMENT SERVICE PERSONNEL IN EFFECTIVE SELECTION AND REFERRAL OF APPLICANTS TO TRAINING AND JOB OPPORTUNITIES. GUIDELINES FOR PLACEMENT ARE COMBINED WITH DETAILED INFORMATION ON TRAINING PROGRAMS. GENERAL GUIDELINES FOR THE IDENTIFICATION OF DISADVANTAGED APPLICANTS ARE SUPPLEMENTED WITH A DISCUSSION OF THE OUTREACH, MOTIVATION, AND SPECIAL ASSISTANCE AVAILABLE TO THIS GROUP, WITHIN THE HUMAN RESOURCES DEVELOPMENT FRAMEWORK. THE GUIDELINES FOR JOB PLACEMENT ARE FOLLOWED BY PROCEDURAL MODIFICATIONS TO MEET THE NEEDS OF SPECIAL GROUPS OR SITUATIONS. (BH)

VT 013 575

TURNER, J. HOWARD; SMITH, GEORGE W., JR.
SMALL ENGINES; CARE--OPERATION--MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.

AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

DOCUMENT NOT AVAILABLE FROM EDRS.
 AMERICAN ASSOCIATION FOR VOCATIONAL
 INSTRUCTIONAL MATERIALS,
 ENGINEERING CENTER, ATHENS, GEORGIA
 30601 (\$6.15).
 PUB DATE - JUN71 157P.

DESCRIPTORS - *TEXTBOOKS;
 *VOCATIONAL AGRICULTURE; *AUTO
 MECHANICS; *ENGINES; JUNIOR HIGH
 SCHOOLS; ILLUSTRATIONS; REFERENCE
 MATERIALS; *MAINTENANCE;
 INSTRUCTIONAL MATERIALS

ABSTRACT - DEVELOPED BY EDUCATORS
 AND GOVERNMENT, BUSINESS, AND
 INDUSTRY CONSULTANTS, THIS
 REFERENCE IS FOR STUDENT AND
 TEACHER USE AS PART OF A COURSE ON
 THE CARE AND OPERATION OF SMALL
 ENGINES. MAJOR TOPICS INCLUDE: (1)
 IDENTIFYING TYPES OF SMALL ENGINES,
 (2) CLEANING SMALL ENGINES, (3)
 SERVICING CARBURETOR AIR CLEANERS,
 (4) SERVICING FUEL STRAINERS, (5)
 SERVICING CRANKCASE BREATHERS, (6)
 LUBRICATING SMALL ENGINES, (7)
 REFUELING SMALL ENGINES, (8)
 SERVICING SPARK PLUGS, (9) CHECKING
 AND ADJUSTING CARBURETORS, (10).
 CHECKING COMPRESSION, (11) CHECKING
 AND SERVICING BATTERIES, (12)
 STARTING ENGINES, (13) OPERATING
 ENGINES, AND (14) STORING ENGINES.
 THIS MATERIAL IS DESIGNED FOR USE
 IN JUNIOR HIGH SCHOOL VOCATIONAL
 PROGRAMS, AND THE TEACHER SHOULD
 HAVE SOME BASIC BACKGROUND.
 SUGGESTED SUPPLEMENTARY MEDIA
 INCLUDE A SLIDE SET AND
 TRANSPARENCIES. THE VOLUME IS
 EXTENSIVELY ILLUSTRATED IN COLOR,
 AND INCLUDES AN OWNER'S ENGINE
 INFORMATION FORM AND A LIST OF
 REFERENCES. THIS DOCUMENT IS A
 REVISION OF A PREVIOUS ONE
 AVAILABLE AS ED 025 608 OR VT 006
 206 (AIM SPRING 1969), AND VOLUME
 II OF THIS 2-PART REFERENCE IS
 AVAILABLE AS VT 006 290 (AIM SPRING
 1969). (GEB)

VT 013 659

LANGSTON, LESLIE V.
 DEVELOPMENT OF ILLUSTRATIVE VISUAL
 AIDS FOR TEACHING DRAFTING
 PRINCIPLES TO THE SLOW LEARNER.

EASTERN NEW MEXICO UNIV., ROSWELL.
 NEW MEXICO OCCUPATIONAL RESEARCH
 AND DEVELOPMENT COORDINATING UNIT,
 SANTA FE
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - SEP70 44P.

DESCRIPTORS - *DRAFTING;
 *ORTHOGONAL PROJECTION; *VOCATIONAL
 EDUCATION; *VISUAL AIDS; *SLOW
 LEARNERS; INDUSTRIAL ARTS;
 SECONDARY EDUCATION; POST SECONDARY
 EDUCATION; RESOURCE MATERIALS;
 INSTRUCTIONAL MATERIALS

ABSTRACT - DEVELOPED BY A DRAFTING
 INSTRUCTOR WORKING UNDER A CONTRACT
 FOR A MINI-GRANT, THIS DOCUMENT
 REPORTS VARIOUS VISUAL AIDS THAT
 MIGHT BE USED FOR TEACHING DRAFTING
 PRINCIPLES TO SLOW LEARNERS IN
 VOCATIONAL-TECHNICAL EDUCATION. THE
 OBJECTS ARE INTENDED FOR TEACHING
 THE PRINCIPLES OF ORTHOGRAPHIC,
 ISOMETRIC, AND OBLIQUE PROJECTION.
 TEN DIFFERENT VISUAL AID PROJECTS
 WERE DEVELOPED AND SUFFICIENT
 INFORMATION IS INCLUDED TO ALLOW
 OTHER INSTRUCTORS TO DUPLICATE
 THEM. A RESOURCE LIST FOR SUPPLIES
 IS INCLUDED. (GEB)

VT 013 747

INSTRUMENT FLIGHT INSTRUCTOR,
 WRITTEN TEST GUIDE.

FEDERAL AVIATION ADMINISTRATION,
 WASHINGTON, D.C.
 MF AVAILABLE IN VT-ERIC SET.
 SUPERINTENDENT OF DOCUMENTS, U.S.
 GOVERNMENT PRINTING OFFICE,
 WASHINGTON, D.C. 20402.
 PUB DATE - 71 46P.1971
 REVISION.

DESCRIPTORS - *AVIATION TECHNOLOGY;
 *FLIGHT TRAINING; *STUDY GUIDES;
 *MEASUREMENT INSTRUMENTS; AVIATION
 VOCABULARY; TRANSPORTATION;
 OBJECTIVE TESTS; RESOURCE MATERIALS
 IDENTIFIERS - *INSTRUMENT FLIGHT
 INSTRUCTOR

ABSTRACT - PREPARED BY THE FEDERAL
 AVIATION ADMINISTRATION, THIS GUIDE
 IS INTENDED TO ASSIST APPLICANTS
 WHO ARE PREPARING FOR THE
 INSTRUMENT FLIGHT INSTRUCTOR

WRITTEN TEST. THE BASIC AERONAUTICAL KNOWLEDGE REQUIREMENTS FOR AN INSTRUMENT FLIGHT INSTRUCTOR ARE OUTLINED; THE INFORMATION ATTEMPTS TO ACQUAINT THE APPLICANT WITH SOURCE MATERIAL THAT MAY BE USED TO ACQUIRE THIS KNOWLEDGE; AND SAMPLE TEST ITEMS WITH ANSWERS AND EXPLANATIONS ARE PROVIDED. MANY ILLUSTRATIONS REPRESENTATIVE OF THOSE USED IN THE WRITTEN TESTS ARE INCLUDED. (GEB)

VT 013 751

HOGARD, R.W.

A GUIDE TO HELP THE STUDENT STUDY.

BLACKHAWK TECH, JANESVILLE, WIS.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 2APR71 11P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *STUDY GUIDES; *RESOURCE MATERIALS; *STUDY HABITS; *STUDY SKILLS; *STUDENT NEEDS; *READING SKILLS; *TESTING

ABSTRACT - INCLUDED IN THIS HANDBOOK ARE SUGGESTIONS FOR IMPROVING THE STUDY HABITS OF VOCATIONAL AND TECHNICAL STUDENTS. ARRANGED IN OUTLINE FORMAT, THE HANDBOOK INCLUDES SECTIONS ON: (1) PLANNING YOUR WORK, (2) IMPROVING YOUR READING ABILITY, (3) MASTERING THE TEXTBOOK ASSIGNMENT - THE P-Q-R-S-T METHOD, (4) IMPROVING YOUR MEMORY, (5) INCREASING YOUR ABILITY TO CONCENTRATE, (6) PREPARING FOR AND TAKING EXAMINATIONS, (7) TAKING LECTURE NOTES, (8) REDUCING READING AND STUDY HANDICAPS, AND (9) APPLY WHAT YOU LEARN. TEACHERS IN ALL SERVICE AREAS MAY WANT TO ADOPT THIS GUIDE FOR THEIR STUDENTS. (JS)

VT 013 758

CASEY, JAMES P.; GAGE, GEORGE J., ED.
SCREEN PROCESS PRINTING.

CALIFORNIA UNIV., LOS ANGELES. DIV. OF VOCATIONAL EDUCATION.; CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. BUREAU OF INDUSTRIAL EDUCATION.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 71 114P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *INDUSTRIAL ARTS; *GRAPHIC ARTS; *CURRICULUM GUIDES; *TEACHING GUIDES; *INSTRUCTIONAL MATERIALS; *REFERENCE MATERIALS

ABSTRACT - DEVELOPED BY AN IN-SERVICE EDUCATION GROUP OF STATE AND LOCAL EDUCATORS, THIS TEACHING GUIDE IS FOR INSTRUCTORS OF INDUSTRIAL ARTS AND VOCATIONAL EDUCATION GRAPHIC ARTS COURSES. IT IS INTENDED AS A REFERENCE TEXT FOR PRINT SHOP INSTRUCTORS WHO WISH TO INTRODUCE THE SCREEN PRINTING PROCESSES IN THEIR COURSES OF INSTRUCTION OR TO UPDATE THEIR KNOWLEDGE OF THIS SEGMENT OF THE GRAPHIC ARTS INDUSTRY. TOPICS INCLUDE: (1) SCREEN FABRICS, (2) SCREEN PRINTING INKS, (3) THE SQUEEGEE: TYPES AND USES, (4) DIRECT SCREEN PROCESS PRINTING PLATE, (5) THE PROCEDURE FOR MAKING A DIRECT CONTACT PHOTO SCREEN, (6) INTRODUCTION TO CARBON TISSUE PHOTO STENCILS, (7) SCREEN PRINTING: TIPS AND TECHNIQUES, AND (8) SOLUTIONS TO PROBLEMS ENCOUNTERED IN PRINTING. AN APPENDIX CONTAINING SAMPLE SCREENED ITEMS AND A BIBLIOGRAPHY ARE INCLUDED. (GEB)

VT 013 817

WILLIAMS, ROBERT J., AND OTHERS
PRE-VOCATIONAL. GRADE 10,
CURRICULUM GUIDE.

WARREN CITY SCHOOLS, OHIO.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 45P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *OCCUPATIONAL INFORMATION; *OCCUPATIONAL GUIDANCE; *CURRICULUM GUIDES; *ORIENTATION MATERIALS; *CAREER PLANNING; *SECONDARY EDUCATION; *RESOURCE MATERIALS; *INSTRUCTIONAL MATERIALS; *TEACHING METHODS; *EMPLOYMENT QUALIFICATIONS; *JOB SKILLS; *ROTATION PLANS; *LARGE GROUP INSTRUCTION; *SMALL GROUP INSTRUCTION

ABSTRACT - DEVELOPED BY LOCAL EDUCATORS, THIS CURRICULUM GUIDE WAS PREPARED TO ASSIST THE CLASSROOM TEACHER IN THE PRESENTATION OF WORK-ORIENTED MATERIALS. DESIGNED BASICALLY AS A ONE-SEMESTER ORIENTATION TO VOCATIONAL PROGRAMS IN HIGH SCHOOLS, THIS PROGRAM INCLUDES LARGE GROUP INSTRUCTION CONSISTING OF LECTURES, AUDIO-VISUAL PRESENTATIONS, OUTSIDE SPEAKERS, AND FIELD TRIPS, AS WELL AS SMALL GROUP ASSIGNMENTS WHICH ROTATE STUDENTS THROUGH FIVE TRADE AREAS. THE LARGE GROUP INSTRUCTION SECTION OUTLINES SPECIFIC OBJECTIVES, LESSON CONTENT, METHODS OF INSTRUCTION, AND INSTRUCTIONAL MATERIALS FOR UNITS IN GUIDANCE, SAFETY, AND JOB CLASSIFICATIONS. TENTATIVE SCHEDULES FOR FILMS AND OUTSIDE SPEAKERS ARE ALSO INCLUDED. IN THE SMALL GROUP INSTRUCTIONAL SECTION, OBJECTIVES, CONTENT, AND INSTRUCTIONAL METHODS AND MATERIALS ARE OUTLINED FOR: (1) AUTO BODY, (2) AUTO MECHANICS, (3) DRAFTING, (4) ELECTRICITY, (5) HORTICULTURE, (6) MACHINE TRADES, (7) OCCUPATIONAL WORK EXPERIENCE, AND (8) WELDING AND FABRICATION. FOR EACH TRADE AREA, THE COURSE PROVIDES INFORMATION ON EMPLOYMENT OPPORTUNITIES, PHYSICAL REQUIREMENTS, NEEDED SKILLS, NEEDED TRADE KNOWLEDGE, SAFETY KNOWLEDGE, TOOL AND MATERIAL COSTS, AND PROFICIENCY AND ACCURACY REQUIREMENTS. ALSO INCLUDED ARE COURSE SCHEDULES, A STUDENT INFORMATION SHEET, AND A PERSONAL INVENTORY SHEET. (AW)

VT 013 821
ENGINEERING TECHNOLOGY CURRICULUM.

LOS ALAMOS PUBLIC SCHOOLS, N. MEX.
NEW MEXICO OCCUPATIONAL RESEARCH
AND DEVELOPMENT COORDINATING UNIT,
SANTA FE
MF AVAILABLE IN VT-ERIC SET.
MINI-GRANT-9
PUB DATE - 70 82P.

DESCRIPTORS - *INDUSTRIAL ARTS;
*ENGINEERING TECHNOLOGY; SECONDARY
GRADES; *CURRICULUM DEVELOPMENT;

*CURRICULUM GUIDES; BIBLIOGRAPHIES;
PROGRAM PLANNING; FACILITY
REQUIREMENTS; EDUCATIONAL
OBJECTIVES; PHYSICS EXPERIMENTS;
REFERENCE MATERIALS; AUDIOVISUAL
AIDS; PRETESTS; INSTRUCTIONAL
MATERIALS

ABSTRACT - DEVELOPED BY AN OCCUPATIONAL RESEARCH AND DEVELOPMENT COORDINATING UNIT UNDER A MINI-GRANT, THIS CURRICULUM GUIDE IS FOR INSTRUCTORS' USE IN PLANNING COURSES IN ENGINEERING TECHNOLOGY FOR THE SECONDARY GRADES. ENGINEERING TECHNOLOGY, AS USED HERE, IS A COURSE DESIGNED TO UPGRADE INDUSTRIAL ARTS. THE COURSE ENCOMPASSES A GENERAL STUDY OF OUR TECHNOLOGICAL ENVIRONMENT, THE METHODS OF ENDEAVOR, EVALUATIVE SKILLS, AND PAST AND PRESENT ACCOMPLISHMENTS FOR UNDERSTANDING OF HOW MATH, SCIENCE, AND MAN ARRIVE AT THE CONCLUSIONS WHICH BETTER MANKIND. TERMINAL GOALS OF ENGINEERING TECHNOLOGY FOR EIGHT AREAS ARE STATED FOLLOWED BY BRIEF OUTLINES FOR EACH AREA. AN EXTENSIVE SECTION THAT INCLUDES RESOURCE MATERIALS, A PRETEST, ILLUSTRATIONS, AND A BIBLIOGRAPHY ARE INCLUDED. (GEB)

VT 013 825
CURRICULUM GUIDE FOR THE INDUSTRIAL
ARTS FOR JUNIOR HIGH, GRADES 6-7-8.

JOLIET PUBLIC SCHOOLS, ILL. SCHOOL
DISTRICT 86.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 48P.

DESCRIPTORS - *INDUSTRIAL ARTS;
JUNIOR HIGH SCHOOLS; *CURRICULUM
GUIDES; COURSE OBJECTIVES;
*INSTRUCTIONAL MATERIALS;
COMMUNICATIONS; ENERGY; KINETICS;
MANUFACTURING; EVALUATION; SCHOOL
SAFETY

ABSTRACT - DEVELOPED BY A COMMITTEE OF TEACHERS AND PRINCIPALS IN THE JOLIET PUBLIC SCHOOLS, THIS CURRICULUM GUIDE IS FOR TEACHER USE IN JUNIOR HIGH SCHOOL INDUSTRIAL ARTS AND IS DESIGNED TO PROVIDE A CONTINUOUS GROWTH PROGRAM FOR THE

SIXTH, SEVENTH AND EIGHTH GRADE JUNIOR HIGH STUDENT. SPECIFIC OBJECTIVES OF THE PROGRAM ARE TO PROVIDE EXPERIENCES SO THAT THE STUDENT WILL BE ABLE TO DIFFERENTIATE BETWEEN THEORETICAL AND PRACTICAL KNOWLEDGE AND ITS APPLICATION TO THE TECHNOLOGICAL WORLD, AND TO ARTICULATE AND COORDINATE THE INDUSTRIAL ARTS CURRICULUM IN RELATION TO THE OTHER SUBJECT AREAS. THE CORE AREAS INCLUDE COMMUNICATION, MATERIAL-FABRICATION, AND ENERGY-POWER, AND STUDENT OBJECTIVES ARE PROVIDED FOR EACH OF THE GRADE LEVELS. EVALUATION QUESTIONS AND A SAFETY CODE ARE INCLUDED. (GEB)

VT 013 827
INDUSTRIAL ARTS, 1968. PRELIMINARY EDITION.

BLOOMINGTON PUBLIC SCHOOLS, MINN.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 70P.

DESCRIPTORS - *INDUSTRIAL ARTS;
*CURRICULUM GUIDES; *COURSE OBJECTIVES; SECONDARY GRADES; ELEMENTARY GRADES; COURSE DESCRIPTIONS; *PROGRAM DESCRIPTIONS; BIBLIOGRAPHIES; RESOURCE MATERIALS; ENGINEERING DRAWING; ELECTRICITY; GRAPHIC ARTS; METALS; PLASTICS; POWER MECHANICS

ABSTRACT - ASSEMBLED BY AN INDUSTRIAL ARTS CURRICULUM COMMITTEE, THIS OUTLINE IS THE FIRST STEP IN THE SCHOOL DISTRICT CURRICULUM REVISION. SPECIFIC OBJECTIVES FOR INDUSTRIAL ARTS ARE TO DEVELOP AN UNDERSTANDING OF CONCEPTS AND TERMINOLOGY OF INDUSTRIAL PRODUCTS AND MATERIALS, TO DEVELOP THE ABILITY TO PERFORM SELECTED SKILLS IN THE INDUSTRIAL AREAS, AND TO DEVELOP DESIRABLE ATTITUDES AND PRACTICES WITH RESPECT TO HEALTH AND SAFETY. THE FIRST PART OF THE DOCUMENT CONTAINS THE STATED OBJECTIVES AND A SCOPE AND SEQUENCE CHART FOR THE JUNIOR AND SENIOR HIGH SCHOOL GRADES, A DESCRIPTION OF THE ELEMENTARY ART CONSTRUCTION COURSE, AND A BIBLIOGRAPHY OF TEXTBOOKS,

FILMSTRIPS, AND OTHER AIDS USED IN THE VARIOUS COURSES. THE LAST PORTION CONTAINS A COURSE DESCRIPTION AND OBJECTIVES FOR THE 20 COURSES AVAILABLE WITHIN THE AREAS OF DRAWING, ELECTRICITY, GRAPHIC ARTS, METAL, PLASTIC, AND POWER. (GEB)

VT 013 847
PAUP, WILLIAM G.
HIGH SCHOOL DRAFTING, COURSE OF STUDY.

CEDAR FALLS COMMUNITY SCHOOLS,
IOWA.
MF AVAILABLE IN VT-ERIC SET.
ASSISTANT SUPERINTENDENT, CEDAR FALLS COMMUNITY SCHOOLS, 903 WASHINGTON STREET, CEDAR FALLS, IOWA 50613 (\$5.00)
PUB DATE - FEB69 72P.1969
REVISION

DESCRIPTORS - *INDUSTRIAL ARTS;
*CURRICULUM GUIDES; *SENIOR HIGH SCHOOLS; *DRAFTING; *INSTRUCTIONAL MATERIALS; UNITS OF STUDY (SUBJECT FIELDS); PROGRAM DESCRIPTIONS; COURSE OBJECTIVES; BIBLIOGRAPHIES; AUDIOVISUAL AIDS; RESOURCE MATERIALS

ABSTRACT - DEVELOPED BY A DRAFTING INSTRUCTOR, THIS COURSE OF STUDY IS FOR INSTRUCTOR USE IN TEACHING DRAFTING IN SENIOR HIGH SCHOOL INDUSTRIAL ARTS. THE PROGRAM IS DESIGNED TO ACQUAINT THE STUDENT WITH THAT GENERAL AREA OF INDUSTRY CLASSIFIED AS DRAFTING SO THAT HE MAY MAKE A WISE VOCATIONAL CHOICE, APPRECIATE THE PLACE OF DRAFTING IN THE TOTAL INDUSTRIAL STRUCTURE, AND BECOME A WISE CONSUMER OF INDUSTRIAL PRODUCTS. INFORMATION IS PROVIDED ON THE DRAFTING PROGRAM IN GENERAL, ON CLASSROOM ORGANIZATION, AND THREE DRAFTING COURSES ARE OUTLINED. FOR EACH OF THE COURSES, AN INTRODUCTION, THE OBJECTIVES, COURSE CONTENT, TEACHING UNITS, AND SUGGESTED AUDIO-VISUAL AIDS ARE INCLUDED. A BIBLIOGRAPHY IS INCLUDED AND A DRAFTING SUPPLIES LIST, A SUPPLIES PRICE LIST, A CORRECTION CODE, AND THE GENERAL COURSE OUTLINES ARE APPENDED.

(GEB)I

VT 013 860

RAYMOND, L.E., AND OTHERS
INTRODUCTION TO WOOD FINISHING.

HUGHSON UNION HIGH SCHOOL, CALIF.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 24P.

DESCRIPTORS - *INDUSTRIAL ARTS;
*WOODWORKING; *FINISHING; *LEARNING
ACTIVITY PACKAGES; *INSTRUCTIONAL
MATERIALS; INDIVIDUALIZED
INSTRUCTION; EDUCATIONAL
OBJECTIVES; PRETESTS;
BIBLIOGRAPHIES
IDENTIFIERS - *LEARNING ACTIVITY
PACKAGES; LAPS

ABSTRACT - DEVELOPED UNDER A TITLE
III PROJECT, THIS LEARNING PACKET
IS FOR STUDENT USE IN LEARNING THE
PRINCIPLES OF WOOD FINISHING. THE
PRIMARY IDEA IS TO INSTRUCT THE
STUDENT SO HE WILL BE ABLE BOTH TO
PROPERLY PREPARE THE PROJECT OR
MATERIAL FOR FINISHING AND
DETERMINE ALL TYPES OF FINISHES
THAT ARE SUITABLE FOR WOOD
FINISHING. THIS PACKET CONTAINS
STATED INSTRUCTIONAL OBJECTIVES, A
PRETEST, ACTIVITIES, STUDY
QUESTIONS, A FINAL EXAMINATION, AND
A BIBLIOGRAPHY. THIS ACTIVITY
LEARNING PACKET IS DESIGNED SO THAT
STUDENTS MAY LEARN AT THEIR OWN
RATE AND SO THAT THEY WILL BE AWARE
OF THE INSTRUCTIONAL OBJECTIVES.
(GEB)I

VT 013 861

EATON, GARTH, COMP., AND OTHERS
SHOP ORIENTATION, JOINT VENTURE.

HUGHSON UNION HIGH SCHOOL, CALIF.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 25P.

DESCRIPTORS - *INDUSTRIAL ARTS;
*SCHOOL SHOPS; *ORIENTATION;
*LEARNING ACTIVITIES;
*INSTRUCTIONAL MATERIALS;
INDIVIDUALIZED INSTRUCTION; SCHOOL
SAFETY; EDUCATIONAL OBJECTIVES;
BEHAVIORAL OBJECTIVES; PRETESTS;
BIBLIOGRAPHIES
IDENTIFIERS - *LEARNING ACTIVITY

PACKAGES; LAPS

ABSTRACT - DEVELOPED UNDER A TITLE
III PROJECT, THIS LEARNING PACKET
IS FOR STUDENT USE IN LEARNING
INFORMATION REGARDING SHOP
ORIENTATION. THE PRIMARY PURPOSE IS
TO FAMILIARIZE THE STUDENT WITH
SHOP PROCEDURES AND SAFETY
PRACTICES WHICH SHOULD BE OBSERVED
WHILE WORKING IN THE WOODSHOP, AND
THE SECONDARY PURPOSE IS TO MAKE
THE STUDENT AWARE OF GENERAL
REGULATIONS, PRECAUTIONS, CONDUCT,
FIRE PREVENTION, CLEAN-UP
PROCEDURES AND SAFETY RULES. THE
CONTENTS INCLUDE: (1) STATED
INSTRUCTIONAL OBJECTIVES, (2) A
PRE-TEST, (3) SEGMENT EXAM, (4)
REQUIRED ACTIVITIES, (5)
INSTRUCTIONAL SHEETS, (6) A LIST OF
SHOP RULES, (7) ANSWERS TO THE
PRETEST AND SEGMENT EXAMS, (8) A
FINAL EXAMINATION, AND (9) A
BIBLIOGRAPHY. THIS LEARNING
ACTIVITY PACKET IS DESIGNED SO THAT
STUDENTS MAY LEARN AT THEIR
INDIVIDUAL RATES, AND MAY GAIN AN
UNDERSTANDING OF THE INSTRUCTIONAL
OBJECTIVES. (GEB)I

VT 014 193

SIMMONSON, HERBERT C.;RUSS, GEORGE
DRAFTING; A FIRST YEAR COURSE FOR
THE COMPREHENSIVE SECONDARY SCHOOL.

RUTGERS, THE STATE UNIV., NEW
BRUNSWICK, N.J. VOCATIONAL-
TECHNICAL CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF
EDUCATION, TRENTON. DIV. OF
VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM
LABORATORY, RUTGERS UNIVERSITY,
4103 BUILDING, KILMER CAMPUS, NEW
BRUNSWICK, NEW JERSEY 08903 (\$2.00)
PUB DATE - JUL71 97P.

DESCRIPTORS - *TRADE AND INDUSTRIAL
EDUCATION; DRAFTING; *ENGINEERING
DRAWING; ARCHITECTURAL DRAFTING;
*MANUALS; *TEACHING GUIDES;
SECONDARY GRADES; *INSTRUCTIONAL
MATERIALS; FUNDAMENTAL CONCEPTS;
RESOURCE MATERIALS

ABSTRACT - DEVELOPED BY SUBJECT

MATTER SPECIALISTS, THIS MANUAL IS FOR STUDENTS' USE IN LEARNING DRAFTING CONCEPTS IN THE COMPREHENSIVE SECONDARY SCHOOLS. ALTHOUGH THIS IS AN EXPLORATORY COURSE, THE STUDENT SHOULD GAIN ENOUGH EXPERIENCE TO BECOME PROFICIENT WITH INSTRUMENTS, EQUIPMENT, AND FUNDAMENTALS WITHIN THE 150 CLOCK HOURS ALLOTTED TO THE COURSE. IN THE FIRST UNIT, THE STUDENT IS EXPOSED TO DRAFTING FUNDAMENTALS, EQUIPMENT, LETTERING, AND SHAPE AND SIZE DESCRIPTION. MACHINE DRAWING AND ARCHITECTURAL DRAWING CONCEPTS MAKE UP THE NEXT TWO UNITS. THE FOURTH UNIT CONTAINS INFORMATION ON CHARTS AND GRAPHS AS WELL AS THOSE ADDITIONAL AREAS OF DRAFTING USED BY SEVERAL INDUSTRIES AND CALLED DEVELOPMENT, PIPING, AND ELECTRICAL DRAFTING. THERE ARE 59 PAGES OF RELEVANT DRAWINGS THAT MAY BE COPIED FOR USE ON THE OVERHEAD PROJECTOR. A LIST OF REFERENCE MATERIALS AND SUPPLEMENTARY INFORMATION FOR THE TEACHER IS INCLUDED. (GEB)

VT 014 194

SIDOTI, DOMINICK J.
BASIC IGNITION AND THE SUN
OSCILLOSCOPE, INSTRUCTOR'S GUIDE.

RUTGERS, THE STATE UNIV., NEW
BRUNSWICK, N.J. VOCATIONAL-
TECHNICAL CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF
EDUCATION, TRENTON. DIV. OF
VOCATIONAL EDUCATION
MF AVAILABLE IN VT_ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM
LABORATORY, RUTGERS UNIVERSITY,
4103 BUILDING-KILMER CAMPUS, NEW
BRUNSWICK, NEW JERSEY 08903 (\$2.00)
PUB DATE - OCT70 152P.

DESCRIPTORS - *VOCATIONAL
EDUCATION; *AUTO MECHANICS;
*TEACHING GUIDES; *LABORATORY
TECHNIQUES; *INSTRUCTIONAL
MATERIALS; TRADE AND INDUSTRIAL
EDUCATION; SECONDARY GRADES;
ELECTRONIC EQUIPMENT; AUDIOVISUAL
AIDS; ACHIEVEMENT TESTS; COURSE
OBJECTIVES
IDENTIFIERS - *OSCILLOSCOPES

ABSTRACT - DEVELOPED BY A COMMITTEE OF TEACHERS, THIS TEACHING GUIDE IS FOR INSTRUCTOR USE IN TEACHING VOCATIONAL AUTO MECHANICS AT THE HIGH SCHOOL LEVEL. THE PRIMARY PURPOSE IS TO HELP THE TEACHER IN PRESENTING INFORMATION ON THE USE OF ELECTRONIC DIAGNOSTIC EQUIPMENT, PARTICULARLY THE SUN OSCILLOSCOPE. THE 41 LESSONS ARE PRESENTED UNDER THE FOLLOWING NINE UNITS: (1) THE IGNITION CIRCUIT TEAM, (2) BATTERY, COIL, AND DISTRIBUTOR, (3) BASIC TIMING AND TIMING ADVANCE, (4) SPARK DELIVERY, (5) THE SUN SCOPE, (6) SUN SCOPE TEST, (7) SUN SCOPE INDICATIONS, (8) SUPERIMPOSED SCOPE PATTERNS, AND (9) COMPARISON TEST. EACH LESSON INCLUDES THE STATED OBJECTIVE, EQUIPMENT NEEDED, RELATED INFORMATION, AND A QUIZ WITH ANSWERS. AN ACHIEVEMENT TEST IS INCLUDED FOR EACH UNIT AND 53 TRANSPARENCY MASTERS ARE PROVIDED. (GEB)

VT 014 200 ED 056 227
GUIDELINES TO INITIATE AND OPERATE
A COOPERATIVE VOCATIONAL EDUCATION
PROGRAM.

PENNSYLVANIA STATE DEPT. OF
EDUCATION, HARRISBURG. BUREAU OF
VOCATIONAL, TECHNICAL AND
CONTINUING EDUCATION.

EDRS PRICE MF-\$0.65 HC-\$3.29.
PUB DATE - 71 83P.

DESCRIPTORS - *VOCATIONAL
EDUCATION; *COOPERATIVE EDUCATION;
*PROGRAM PLANNING; *PROGRAM
DEVELOPMENT; GUIDELINES; *MANUALS;
ADMINISTRATIVE ORGANIZATION;
EMPLOYMENT PRACTICES; FINANCIAL
SUPPORT; RECORDS (FORMS); SECONDARY
GRADES

ABSTRACT - PREPARED BY THE STATE
DEPARTMENT OF VOCATIONAL EDUCATION,
THIS HANDBOOK IS FOR SCHOOL
ADMINISTRATORS, COORDINATORS AND
TEACHERS TO USE IN PLANNING,
ESTABLISHING AND CONDUCTING
COOPERATIVE VOCATIONAL EDUCATION
PROGRAMS. THE BASIC PURPOSE OF THE
COOPERATIVE PROGRAM IS TO PROVIDE
OCCUPATIONAL TRAINING THROUGH THE
USE OF BUSINESS AND INDUSTRIAL

CONCERNS. PROBLEMS CONNECTED WITH SUCH A PROGRAM INCLUDE: (1) PROGRAM ORGANIZATION AND ESTABLISHMENT, (2) PROGRAM GUIDELINES, (3) LAW, RULES, AND REGULATIONS FOR EMPLOYMENT, (4) ADMINISTRATION AND SUPERVISION, (5) FINANCING THE PROGRAM, AND (6) EVALUATION. INFORMATION CONCERNING PROCEDURES AND SAMPLE FORMS IS APPENDED. (GEB)

VT 014 227

RECOMMENDED MINIMUM AEROSPACE MATERIALS FOR A SCHOOL SYSTEM.

WISCONSIN STATE DEPT. OF TRANSPORTATION, MADISON. DIV. OF AERONAUTICS.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 10P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *AEROSPACE TECHNOLOGY; INSTRUCTIONAL MATERIALS; *RESOURCE MATERIALS; *CATALOGS; PAMPHLETS; ORGANIZATIONS (GROUPS); BOOKS; AUDIOVISUAL AIDS

ABSTRACT - PREPARED BY THE DIVISION OF AERONAUTICS, THIS DOCUMENT LISTS BOOKS, MAGAZINES, PAMPHLETS, FILMSTRIPS, AND FILM CATALOGUES OF RECOMMENDED AEROSPACE MATERIALS FOR SCHOOL SYSTEMS. THE LIST OF TEN BOOKS INCLUDES THE PUBLISHER'S ADDRESS, THE INTENDED GRADE LEVEL, PUBLICATION DATE, AND THE APPROXIMATE COST. TWO MAGAZINES AND SEVEN AUDIO-VISUAL MATERIALS ARE LISTED ALONG WITH THE PUBLISHER'S ADDRESS, THE SUGGESTED GRADE LEVEL AND THE APPROXIMATE COST. FOUR ORGANIZATIONS ARE GIVEN WITH THEIR ADDRESSES, THE PUBLICATIONS THEY OFFER, AND THEIR MEMBERSHIP FEES. THE SOURCE AND APPROXIMATE COST ARE GIVEN FOR EACH OF THE SEVEN PAMPHLETS LISTED. (GEB)

VT 014 239 ED 058 395

THE WORLD OF MANUFACTURING, LABORATORY MANUAL. INDUSTRIAL ARTS CURRICULUM PROJECT.

OHIO STATE UNIV., COLUMBUS. RESEARCH FOUNDATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.
MCKNIGHT AND MCKNIGHT PUB. CO.,
ROUTE 66, BLOOMINGTON, ILL. 61701
(\$3.96 LIST PRICE)
PUB DATE - 71 373P.

DESCRIPTORS - *INDUSTRIAL ARTS; SECONDARY GRADES; *LABORATORY MANUALS; *INSTRUCTIONAL MATERIALS; INDUSTRIAL TECHNOLOGY; *MANUFACTURING INDUSTRY; OCCUPATIONAL GUIDANCE; OCCUPATIONAL INFORMATION; CONCEPT TEACHING; *CAREER EDUCATION
IDENTIFIERS - INDUSTRIAL ARTS CURRICULUM PROJECT; IACP; WORLD OF CONSTRUCTION

ABSTRACT - THIS LABORATORY MANUAL FOR JUNIOR HIGH SCHOOL STUDENTS ENCOMPASSES CONCEPTS FOUND IN MANUFACTURING. DEVELOPED UNDER A CONTRACT FROM THE U.S. OFFICE OF EDUCATION, IT IS THE SECOND PART OF A 2-YEAR INTEGRATED PROGRAM, AND TOGETHER WITH THE FIRST COURSE IN CONSTRUCTION TECHNOLOGY, PROVIDES AN INTRODUCTORY STUDY OF INDUSTRIAL TECHNOLOGY. THIS MANUAL IS DESIGNED FOR USE WITH A TEXTBOOK (VT 014 240) AND TEACHER'S GUIDE (VT 014 238) TO PROVIDE A COMPLETE 1-YEAR COURSE. EACH OF THE 91 ACTIVITIES INCLUDES A STATED OBJECTIVE AND PROCEDURES FOR CARRYING OUT THE ACTIVITY WITH DRAWINGS, CHARTS, AND PICTURES PROVIDED WHERE NECESSARY. SAMPLE TOPICS INCLUDE: (1) MANUFACTURING AND THE ECONOMIC SYSTEM, (2) BUILDING THE PRODUCTION PROTOTYPE, (3) ORGANIZATION, OWNERSHIP, AND PROFIT, (4) MANUFACTURING PRODUCTION TECHNOLOGY, (5) COMBINING SUBASSEMBLIES, (6) DESIGNING AND ENGINEERING THE PRODUCT, (7) ARRANGING FOR DISTRIBUTION AND SALES. RELATED DOCUMENTS ARE AVAILABLE AS ED 054 389 OR VT 014 088 (ARM VOL. 5, NO. 2) AND VT 014 238-VT 014 244 (ALL IN THIS ISSUE). (GEB)

VT 014 240 ED 058 396
THE WORLD OF MANUFACTURING.
INDUSTRIAL ARTS CURRICULUM PROJECT.

OHIO STATE UNIV., COLUMBUS.
RESEARCH FOUNDATION.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
EDRS PRICE MF-\$0.65 HC NOT
AVAILABLE FROM EDRS.
MCKNIGHT AND MCKNIGHT PUB. CO.,
ROUTE 66, BLOOMINGTON, ILL. 61071
(\$7.96 LIST PRICE)
PUB DATE - 71 542P.

DESCRIPTORS - *INDUSTRIAL ARTS;
SECONDARY GRADES; STUDY GUIDES;
INDUSTRIAL TECHNOLOGY; *TEXTBOOKS;
*INSTRUCTIONAL MATERIALS; RESOURCE
MATERIALS; MANUFACTURING INDUSTRY;
OCCUPATIONAL GUIDANCE; OCCUPATIONAL
INFORMATION; *CONCEPT TEACHING;
FUNDAMENTAL CONCEPTS; *CAREER
EDUCATION
IDENTIFIERS - INDUSTRIAL ARTS
CURRICULUM PROJECT; IACP; WORLD OF
MANUFACTURING

ABSTRACT - THIS TEXTBOOK FOR JUNIOR
HIGH SCHOOL STUDENTS ENCOMPASSES
CONCEPTS FOUND IN MANUFACTURING,
AND TOGETHER WITH A TEACHER'S GUIDE
(VT 014 238) AND LABORATORY MANUAL
(VT 014 239) CONSTITUTES THE SECOND
PART OF A 2-YEAR INTEGRATED PROGRAM
IN INDUSTRIAL TECHNOLOGY. THIS AND
THE FIRST YEAR COURSE IN
CONSTRUCTION TECHNOLOGY, WERE
DEVELOPED UNDER CONTRACT TO THE
U.S. OFFICE OF EDUCATION. THE
MATERIAL WAS WRITTEN BY
PROFESSIONALS IN THE MANUFACTURING
FIELD, AND IS INTENDED TO GIVE
FIRSTHAND KNOWLEDGE ABOUT THE MAN-
MADE WORLD AND ENABLE STUDENTS TO
VIEW THEIR WORLD WITH GREATER
UNDERSTANDING, APPRECIATION, AND
INSIGHT. SAMPLE TOPICS INCLUDED IN
THE 82 ARE: (1) MANUFACTURING AND
THE ECONOMIC SYSTEM, (2) BUILDING
THE PRODUCTION PROTOTYPE, (3)
EMPLOYMENT AND OCCUPATIONS IN
MANUFACTURING, (4) CONVERTING RAW
MATERIALS TO INDUSTRIAL MATERIALS,
(5) MAKING ASSEMBLIES OR FINISHED
PARTS, (6) LOCATING THE PLANT AND
SECURING INPUTS, AND (7) ARRANGING
FOR DISTRIBUTION AND SALES. THERE
IS EXTENSIVE USE OF PICTURES AND
DRAWINGS FOR ILLUSTRATIONS. RELATED
DOCUMENTS ARE AVAILABLE AS ED 054
389 OR VT 014 088 (ARM VOL. 5, NO.

2) AND VT 014 238-VT 014 244 (ALL
IN THIS ISSUE). (GEB)

VT 014 241 ED 058 397
THE WORLD OF CONSTRUCTION.
INDUSTRIAL ARTS CURRICULUM PROJECT.

OHIO STATE UNIV., COLUMBUS.
RESEARCH FOUNDATION.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
EDRS PRICE MF-\$0.65 HC NOT
AVAILABLE FROM EDRS.
MCKNIGHT AND MCKNIGHT PUB. CO.,
ROUTE 66, BLOOMINGTON, ILL. 61701
(\$7.96 LIST PRICE)
PUB DATE - 70 576P.

DESCRIPTORS - *INDUSTRIAL ARTS;
SECONDARY GRADES; STUDY GUIDE;
INDUSTRIAL TECHNOLOGY; TEXTBOOKS;
*INSTRUCTIONAL MATERIALS; RESOURCE
MATERIALS; *CONSTRUCTION INDUSTRY;
OCCUPATIONAL GUIDANCE; OCCUPATIONAL
INFORMATION; CONCEPT TEACHING;
FUNDAMENTAL CONCEPTS; *CAREER
EDUCATION
IDENTIFIERS - INDUSTRIAL ARTS
CURRICULUM PROJECT; IACP; WORLD OF
CONSTRUCTION

ABSTRACT - THIS TEXTBOOK FOR JUNIOR
HIGH SCHOOL STUDENTS ENCOMPASSES
CONCEPTS FOUND IN CONSTRUCTION, AND
TOGETHER WITH A TEACHER'S GUIDE (VT
014 244) AND TWO LABORATORY MANUALS
(VT 014 242 AND VT 014 243),
CONSTITUTES THE FIRST PART OF A 2-
YEAR INTEGRATED PROGRAM IN
INDUSTRIAL TECHNOLOGY. THIS AND THE
SECOND YEAR COURSE IN MANUFACTURING
WERE DEVELOPED UNDER A CONTRACT
FROM THE OFFICE OF EDUCATION. THE
MATERIAL WAS WRITTEN BY
PROFESSIONALS IN THE CONSTRUCTION
FIELD, AND IS INTENDED TO HELP
STUDENTS VIEW THE CONSTRUCTION
WORLD WITH GREATER UNDERSTANDING,
APPRECIATION, AND INSIGHT. SAMPLE
TOPICS INCLUDED IN THE 97 ARE: (1)
APPLYING TECHNOLOGY TO PEOPLE, (2)
SURVEYING AND MAPPING, (3)
DESIGNING AND ENGINEERING
CONSTRUCTION PROJECTS, (4)
ESTIMATING AND BIDDING, (5)
BUILDING SUPERSTRUCTURES, (6)
INSTALLING ELECTRICAL
COMMUNICATIONS SYSTEMS, (7)

FINANCING AND CONTRACTING, AND (8) CITY AND REGIONAL PLANNING FACTORS. EXTENSIVE USE IS MADE OF PICTURES AND DRAWINGS FOR ILLUSTRATIONS. RELATED DOCUMENTS ARE AVAILABLE AS ED 054 389 OR VT 014 088 (ARM VOL. 5, NO. 2) AND VT 014 238-VT 014 244 (ALL IN THIS ISSUE). (GEB)

VT 014 242 ED 058 398
THE WORLD OF CONSTRUCTION,
LABORATORY MANUAL, SEMESTER 1.
INDUSTRIAL ARTS CURRICULUM PROJECT.

OHIO STATE UNIV., COLUMBUS.
RESEARCH FOUNDATION.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
EDRS PRICE MF-\$0.65 HC NOT
AVAILABLE FROM EDRS.
MCKNIGHT AND MCKNIGHT PUB. CO.,
ROUTE 66, BLOOMINGTON, ILL. 61701
(\$1.98 LIST PRICE)
PUB DATE - 70 192P.

DESCRIPTORS - *INDUSTRIAL ARTS;
SECONDARY GRADES; *LABORATORY
MANUALS; *INSTRUCTIONAL MATERIALS;
RESOURCE MATERIALS; INDUSTRIAL
TECHNOLOGY; *CONSTRUCTION INDUSTRY;
OCCUPATIONAL GUIDANCE; OCCUPATIONAL
INFORMATION; CONCEPT TEACHING;
*CAREER EDUCATION
IDENTIFIERS - INDUSTRIAL ARTS
CURRICULUM PROJECT; IACP; WORLD OF
CONSTRUCTION

ABSTRACT - THIS FIRST SEMESTER
LABORATORY MANUAL PROVIDES
ACTIVITIES FOR JUNIOR HIGH SCHOOL
STUDENTS WHICH REINFORCE
CONSTRUCTION CONCEPTS PRESENTED IN
THE TEXTBOOK (VT 014 241) AND THE
ACCOMPANYING TEACHER'S GUIDE (VT
014 244). EACH OF THE 73 ACTIVITIES
INCLUDES A STATED OBJECTIVE AND
PROCEDURES FOR CARRYING OUT THE
ACTIVITY WITH DRAWINGS, CHARTS, AND
PICTURES PROVIDED WHEN NECESSARY.
SAMPLE TOPICS INCLUDE: (1) APPLYING
TECHNOLOGY TO PEOPLE, (2) SURVEYING
AND MAPPING, (3) DESIGNING AND
ENGINEERING CONSTRUCTION PROJECTS,
(4) ESTIMATING AND BIDDING, (5)
BUILDING SUPERSTRUCTURES, AND (6)
BUILDING WOOD FRAMES. THE MANUAL
FOR THE SECOND SEMESTER IS
AVAILABLE AS VT 014 243. RELATED

DOCUMENTS ARE AVAILABLE AS ED 054
389 OR VT 014 088 (ARM VOL. 5, NO.
2) AND VT 014 238-VT 014 244 (ALL
IN THIS ISSUE). (GEB)

VT 014 243 ED 058 399
THE WORLD OF CONSTRUCTION,
LABORATORY MANUAL, SEMESTER 2.
INDUSTRIAL ARTS CURRICULUM PROJECT.

OHIO STATE UNIV., COLUMBUS.
RESEARCH FOUNDATION.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
EDRS PRICE MF-\$0.65 HC NOT
AVAILABLE FROM EDRS.
MCKNIGHT AND MCKNIGHT PUB. CO.,
ROUTE 66, BLOOMINGTON, ILL. 61701
(\$1.98 LIST PRICE)
PUB DATE - 70 186P.

DESCRIPTORS - *INDUSTRIAL ARTS;
SECONDARY GRADES; *LABORATORY
MANUALS; *INSTRUCTIONAL MATERIALS;
INDUSTRIAL TECHNOLOGY;
*CONSTRUCTION INDUSTRY;
OCCUPATIONAL GUIDANCE; OCCUPATIONAL
INFORMATION; CONCEPT TEACHING;
RESOURCE MATERIALS; *CAREER
EDUCATION
IDENTIFIERS - INDUSTRIAL ARTS
CURRICULUM PROJECT; IACP; WORLD OF
CONSTRUCTION

ABSTRACT - THIS SECOND SEMESTER
LABORATORY MANUAL PROVIDES
ACTIVITIES FOR JUNIOR HIGH SCHOOL
STUDENTS WHICH REINFORCE
CONSTRUCTION CONCEPTS PRESENTED IN
THE TEXTBOOK (VT 014 241) AND THE
ACCOMPANYING TEACHER'S GUIDE (VT
014 244). EACH OF THE 81 ACTIVITIES
INCLUDES A STATED OBJECTIVE AND
PROCEDURES FOR CARRYING OUT THE
ACTIVITY WITH DRAWINGS, CHARTS, AND
PICTURES PROVIDED WHERE NECESSARY.
SAMPLE TOPICS INCLUDE: (1)
INSTALLING ELECTRICAL
COMMUNICATOR'S SYSTEMS, (2)
ENCLOSING EXTERIOR WALLS, (3)
PLANNING THE LIVING SPACE, (4)
BUILDING THE SUBSTRUCTURE, (5) CITY
AND REGIONAL PLANNING FACTORS, AND
(6) MANAGING COMMUNITY DEVELOPMENT.
THE MANUAL FOR THE FIRST SEMESTER
IS AVAILABLE AS VT 014 242. RELATED
DOCUMENTS ARE AVAILABLE AS ED 054
389 OR VT 014 088 (ARM VOL. 5, NO.

2) AND VT 014 238-VT 014 244 (ALL IN THIS ISSUE). (GEB)

VT 014 244 ED 058 400
THE WORLD OF CONSTRUCTION,
TEACHER'S GUIDE. INDUSTRIAL ARTS
CURRICULUM PROJECT.

OHIO STATE UNIV., COLUMBUS.
RESEARCH FOUNDATION.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
EDRS PRICE MF-\$0.65 HC NOT
AVAILABLE FROM EDRS.
MCKNIGHT AND MCKNIGHT PUB. CO.,
ROUTE 66, BLOOMINGTON, ILL. 61701
(\$24.00 LIST PRICE)
PUB DATE - 70 317P.

DESCRIPTORS - *INDUSTRIAL ARTS;
SECONDARY GRADES; *TEACHING GUIDES;
LESSON PLANS; CURRICULUM GUIDES;
*INSTRUCTIONAL MATERIALS; RESOURCE
MATERIALS; INDUSTRIAL TECHNOLOGY;
*CONSTRUCTION INDUSTRY;
OCCUPATIONAL GUIDANCE; OCCUPATIONAL
INFORMATION; CONCEPT TEACHING;
FUNDAMENTAL CONCEPTS; *CAREER
EDUCATION
IDENTIFIERS - INDUSTRIAL ARTS
CURRICULUM PROJECT; IACP; WORLD OF
CONSTRUCTION

ABSTRACT - THIS TEACHER'S GUIDE
ENCOMPASSING THE CONCEPTS FOUND IN
THE WORLD OF CONSTRUCTION IS
DESIGNED FOR JUNIOR HIGH SCHOOL
STUDENTS, TO BE USED AS A TOTAL
EDUCATIONAL PACKAGE WITH THE
TEXTBOOK (VT 014 241) AND THE
LABORATORY MANUALS (VT 014 242 AND
VT 014 243). AS THE FIRST PART OF A
2-YEAR INTEGRATED PROGRAM IN WHICH
THE SECOND YEAR CONCERNS
MANUFACTURING, IT IS DESIGNED TO
PREPARE STUDENTS FOR ENLIGHTENED
CITIZENSHIP AND TO PROVIDE
EDUCATIONAL-OCCUPATIONAL GUIDANCE
FOR THE WORLD OF WORK. THIS PROGRAM
WAS DESIGNED TO BE USED 45 MINUTES
PER DAY FOR 185 DAYS, WITH 22
OPTIONAL ASSIGNMENTS FOR
FLEXIBILITY. ASSIGNMENTS COVER
THREE MAJOR AREAS: (1) ANALYSIS OF
THE MANAGED-PERSONNEL-PRODUCTION
SYSTEM OF CONSTRUCTION, (2)
SYNTHESIS OF HOUSING CONSTRUCTION
PRACTICES, AND (3) SYNTHESIS OF

CITY AND REGIONAL PLANNING
PRACTICES. EACH OF THE 185
ASSIGNMENT UNITS CONTAINS
OBJECTIVES, TIME SCHEDULE SUGGESTED
DEMONSTRATION AND AN OVERVIEW. A
LIST OF TEACHER'S AIDS, EQUIPMENT
AND MATERIALS, A LIST OF TOOLS AND
EQUIPMENT FOR STUDENTS, A LIST OF
EXPENDABLE MATERIALS AND A SCALED
FLOOR PLAN ARE APPENDED. THREE-RING
BINDER FORMAT MAKES REMOVAL OF
PAGES EASY. RELATED DOCUMENTS ARE
AVAILABLE AS ED 054 389 OR VT 014
088 AND VT 014 238-VT 014 244 (ALL
IN THIS ISSUE). (GEB)

VT 014 269
PLASTICS EDUCATION GUIDE.

SOCIETY OF THE PLASTICS INDUSTRY,
INC., NEW YORK, N.Y. COMMITTEE ON
PLASTICS EDUCATION.; PLASTICS
EDUCATION FOUNDATION, GREENWICH,
CONN.
MF AVAILABLE IN VT-ERIC SET.
PLASTICS EDUCATION FOUNDATION, FOUR
LORNA LANE, LOUDONVILLE, N.Y. 12211
(\$1.00; 2 OR MORE-\$.60)
PUB DATE - 70 51P.1970
REVISION.

DESCRIPTORS - *VOCATIONAL
EDUCATION; *RESOURCE MATERIALS;
*BIBLIOGRAPHIC CITATIONS;
*PLASTICS; *CURRICULUM GUIDES;
SECONDARY EDUCATION; COLLEGES;
EQUIPMENT; INSTRUCTIONAL AIDS

ABSTRACT - REVISED BY THE PLASTICS
EDUCATION FOUNDATION, THIS
CURRICULUM GUIDE IS DESIGNED TO
ASSIST AND ENCOURAGE EDUCATIONAL
INSTITUTIONS ON ALL LEVELS AND
FIRMS IN THE PLASTICS INDUSTRY IN
PREPARING AND PRESENTING PLANNED
PROGRAMS OF STUDY IN PLASTICS.
CONTENTS INCLUDE: (1) EDUCATIONAL
LEVELS AND COURSE OUTLINES, (2)
REFERENCE SOURCES, (3) TRADE AND
PROFESSIONAL ASSOCIATIONS, AND (4)
EQUIPMENT AND SUPPLIES.
REPRESENTATIVE COURSE OUTLINES ARE
GIVEN FOR SECONDARY GRADES AND
COLLEGES AND UNIVERSITIES. THE
REFERENCE SOURCES SECTION PRESENTS
A LISTING OF NUMEROUS BOOKS, TRADE
PUBLICATIONS, AND INDUSTRY
LITERATURE. THIS IS A REVISION OF

THE DOCUMENT AVAILABLE AS VT 005
291 (AIM FALL 1971). (GEB)

VT 014 355

A LEARNER'S GUIDE TO INDEPENDENT
STUDY.

BEAVERTON HIGH SCHOOL, MICH. DEPT.
OF INDUSTRIAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 16P.

DESCRIPTORS - *CURRICULUM GUIDES;
*INDUSTRIAL EDUCATION; *INDEPENDENT
STUDY; *GUIDELINES; BEHAVIORAL
OBJECTIVES; STUDENT PROJECTS;
STUDENT RESEARCH; REPORTS; STUDY
GUIDES
IDENTIFIERS - CONTRACT GRADING

ABSTRACT - DEVELOPED BY A HIGH
SCHOOL INDUSTRIAL EDUCATION
DEPARTMENT STAFF, THIS GUIDE IS
DESIGNED AS AN INSTRUCTIONAL
PACKAGE FOR A SEMESTER COURSE
ENTITLED "INDEPENDENT STUDY IN
INDUSTRIAL EDUCATION". THE GUIDE IS
DESIGNED BASICALLY AS A FRAMEWORK,
WITH THE TOPIC AND METHOD TO BE
DESIGNED INDEPENDENTLY FOR EACH
STUDENT. A BRIEF INTRODUCTION
SECTION ANSWERS QUESTIONS ON: (1)
WHAT IS THE BASIC PURPOSE OF
INDEPENDENT STUDY? (2) WHAT ARE THE
DIFFERENT KINDS OF INDEPENDENT
STUDY? (3) WHO WILL PAY FOR THE
MATERIALS I USE? (4) HOW WILL I BE
GRADED? AND (5) WHAT WILL I HAVE TO
DO TO GET STARTED? OTHER TOPICS
COVERED INCLUDE: (1) DEFINITIONS OF
PRODUCT AND PROBLEM RESEARCH, (2)
WRITING THE PROBLEM OR PRODUCT
DESCRIPTION, (3) PREPARING THE TIME
LINE, (4) GETTING THE COUNSELOR'S
APPROVAL, (5) DESIGNING, PLANNING,
DRAWING, AND WORKING, (6) PROGRESS
REPORTS, AND (7) WRITING THE FINAL
REPORT. A SAMPLE STUDENT CONTRACT
FORM, A COUNSELOR APPROVAL FORM, A
SEMESTER TIME LINE, AND A PROGRESS
REPORT FORM ARE APPENDED. (GEB)

VT 014 357 ED 057 236
STUNARD, E. ARTHUR, ED.
BOOKS.

AMERICAN INDUSTRIAL ARTS
ASSOCIATION, WASHINGTON, D.C.

AMERICAN COUNCIL FOR ELEMENTARY
SCHOOL INDUSTRIAL ARTS
EDRS PRICE MF-\$0.65 HC-\$9.87.
AMERICAN INDUSTRIAL ARTS
ASSOCIATION, 1201 SIXTEENTH STREET,
N.W., WASHINGTON, D.C. 20036 (STOCK
#641-21338 \$2.00)
PUB DATE - MAR71 208P.

DESCRIPTORS - *INDUSTRIAL ARTS;
*ELEMENTARY GRADES; *ANNOTATED
BIBLIOGRAPHIES; *BOOKS;
COMMUNICATIONS; TRANSPORTATION;
INDUSTRY; GRAPHIC ARTS; SCIENCE
ACTIVITIES; MANUFACTURING;
CONSTRUCTION (PROCESS)

ABSTRACT - PREPARED BY THE AMERICAN
COUNCIL FOR ELEMENTARY SCHOOL
INDUSTRIAL ARTS, (ACESIA), THIS
ANNOTATED BIBLIOGRAPHY OF BOOKS IS
A RESULT OF THEIR COMMITMENT TO
PUBLISH MATERIALS THAT MIGHT BE
USEFUL TO THE PROFESSION. FOR USE
IN ELEMENTARY SCHOOL INDUSTRIAL
ARTS ACTIVITIES, THIS LIST WAS
COMPILED OVER A PERIOD OF YEARS
WITH THE HELP OF MANY COLLEAGUES.
THE COUNCIL IS ATTEMPTING TO
DEFINE, STIMULATE, AND STRIVE FOR
THE IDEAL FORM OF INDUSTRIAL ARTS
EDUCATION IN THE ELEMENTARY GRADES.
THE CONTENTS OF THIS PUBLICATION
ARE DIVIDED INTO 54 AREAS. SAMPLES
ARE: (1) AUTOMATION, (2)
COMMUNICATION, (3) ELECTRICITY, (4)
GLASS, (5) INDUSTRY, (6) MAGNETS,
(7) PLASTICS, (8) SOUND, (9) TIME
AND CLOCKS, (10) WHEELS, AND (11)
TRANSPORTATION. EACH ITEM IS
RECOMMENDED FOR USE AT PRIMARY,
INTERMEDIATE, UPPER GRADES, AND
TEACHER REFERENCE LEVEL. DETAILS
REGARDING MEMBERSHIP IN ACESIA ARE
GIVEN. (GEB)

VT 014 371

ARBAUGH, FRANKLIN D.
INDUSTRIAL ARTS, K-12+.

DELAWARE STATE DEPT. OF PUBLIC
INSTRUCTION, DOVER. DIV. OF
VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 15NOV70 105P.

DESCRIPTORS - *INDUSTRIAL ARTS;
*CURRICULUM GUIDES; ELEMENTARY

GRADES; SECONDARY GRADES; ADULT EDUCATION; *PROGRAM PLANNING; *EDUCATIONAL OBJECTIVES; RESOURCE MATERIALS; EDUCATIONAL FACILITIES; SCHOOL SAFETY; *STATE CURRICULUM GUIDES; PROGRAM GUIDES IDENTIFIERS - *DELAWARE

ABSTRACT - DEVELOPED WITH THE HELP OF A CURRICULUM COMMITTEE AND MEMBERS OF A SUMMER INSTITUTE PROGRAM, THIS HANDBOOK IS DESIGNED TO ASSIST TEACHERS AND SCHOOL ADMINISTRATORS IN PLANNING AND CONDUCTING EFFECTIVE INDUSTRIAL ARTS PROGRAMS. SPECIFIC OBJECTIVES OF THE PROGRAM ARE TO (1) DEVELOP AN INTEREST, AND AN UNDERSTANDING OF, ALL ASPECTS OF INDUSTRY AND THE TRADES OR CRAFTS, (2) EXPLORE INDUSTRY, (3) DEVELOP SKILLS IN THE USE OF TOOLS, MACHINES, MATERIALS, AND PROCESSES, AND (4) MAKE A CONTRIBUTION AS PREPARATION FOR MORE SELF-SUFFICIENT HOME LIVING. THE CURRICULUM IS EXPLAINED IN TERMS OF THE VARIOUS AREAS COVERED AND THE PROGRAMS ARE BRIEFLY DESCRIBED FOR ELEMENTARY, INTERMEDIATE, AND SECONDARY GRADES AND FOR ADULT EDUCATION. THE K-12 SEQUENCE, CHILD LABOR REQUIREMENTS, A SUMMARY OF THE INTERMEDIATE EXPLORATORY AND HIGH SCHOOL PROGRAMS, A LIST OF FACTORS THAT AFFECT THE PROGRAM, GUIDELINES FOR FACILITIES PLANNING, A LIST OF EYE PROTECTION PUBLICATIONS, AND A LIST OF PROFESSIONAL RESPONSIBILITIES ARE APPENDED. (GEB)

VT 014 373
PERFORMANCE OBJECTIVE HANDBOOK,
1970-71.

ROBERT F. KENNEDY YOUTH CENTER,
MORGANTOWN, W. VA. BUREAU OF
PRISONS.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 315P.

DESCRIPTORS - TEACHING GUIDE;
*VOCATIONAL EDUCATION; *BEHAVIORAL
OBJECTIVES; EDUCATIONAL INNOVATION;
GRAPHIC ARTS; ELECTRONICS;
AEROSPACE TECHNOLOGY; CONSUMER
EDUCATION; CHANGING ATTITUDES;
*INSTRUCTIONAL MATERIALS; *RESOURCE

MATERIALS; PERFORMANCE TESTS
IDENTIFIERS - *PERFORMANCE
OBJECTIVES

ABSTRACT - THIS HANDBOOK, DEVELOPED BY THE EDUCATION STAFF UNDER THE DIRECTION OF SUPERVISORS OF EDUCATIONAL SERVICES AT THE CENTER, WAS DESIGNED TO PROMOTE AN AWARENESS OF THE NEED FOR INNOVATION IN A CORRECTIONAL INSTITUTION. BECAUSE MOST OF THE POPULATION IN SUCH INSTITUTIONS ARE SCHOOL DROPOUTS, THEY NEED A NEW APPROACH TO EDUCATION. BEHAVIORALLY STATED OBJECTIVES ARE GIVEN FOR 35 UNITS CATEGORIZED UNDER SEVEN HEADING: (1) PRE-INDUSTRIAL ORIENTATION, (2) AEROSPACE CLUSTER, (3) GRAPHICS CLUSTER, (4) ELECTRONICS CLUSTER, (5) RELATED INFORMATION, (6) SUPPORTIVE INFORMATION, AND (7) SOCIAL EDUCATION. OBJECTIVES ARE STATED FOR SEVERAL ITEMS WITHIN EACH UNIT AND MILESTONES DESIGNATE THE BEGINNING OF EACH NEW ITEM. (GEB)

VT 014 391
WILLIAMS, GRACE
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.

MEMPHIS CITY SCHOOL SYSTEM, TENN.
DIV. OF VOCATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEC-0-70-5181
PUB DATE - 71 117P.

DESCRIPTORS - *CAREER EDUCATION;
JUNIOR HIGH SCHOOLS; *CAREER
PLANNING; VOCATIONAL COUNSELING;
*CURRICULUM GUIDES; RESOURCE
MATERIALS; *INDUSTRIAL ARTS; *HOME
ECONOMICS EDUCATION; OCCUPATIONAL
GUIDANCE; TEACHING TECHNIQUES;
EDUCATIONAL OBJECTIVES;
OCCUPATIONAL CLUSTERS
IDENTIFIERS - *OCCUPATIONAL
EXPLORATION

ABSTRACT - DEVELOPED FOR JUNIOR
HIGH SCHOOL STUDENTS ENROLLED IN

INDUSTRIAL ARTS AND HOME ECONOMICS CLASSES, THIS CURRICULUM GUIDE IS DESIGNED TO PROVIDE OCCUPATIONAL GUIDANCE IN TERMS OF EMPLOYMENT OPPORTUNITIES AND IN TERMS OF HELPING STUDENTS SELECT A COURSE OF STUDY. ARRANGED IN TABULAR FORMAT, THE COLOR-CODED GUIDE SUGGESTS CONCEPTS TO BE TAUGHT, LEARNING ACTIVITIES AND EXPERIENCES, AND RESOURCE MATERIALS. MAJOR SECTIONS OF THE GUIDE ARE: (1) GENERAL OBJECTIVES, (2) ORIENTATION TO THE WORLD OF WORK, (3) UNDERSTANDING SELF AND OTHERS, (4) CLUSTERS OF OCCUPATIONS IN HOME ECONOMICS, (5) OCCUPATIONS IN MECHANICS AND REPAIRING, (6) OCCUPATIONS IN BUILDING TRADES, AND (7) OCCUPATIONS IN PRINTING (GRAPHIC ARTS). ADDITIONAL INFORMATION IS PROVIDED IN THE APPENDIX WHICH INCLUDES CASE STUDIES, A PERSONALITY INVENTORY, BULLETIN BOARD IDEAS AND SOURCES OF TEACHING AIDS. IT IS SUGGESTED THAT THIS UNIT CAN BE TAUGHT EITHER IN A 3-WEEK BLOCK OR BY INTEGRATING THE CONCEPTS WITH OTHER ACTIVITIES. RELATED DOCUMENTS ARE AVAILABLE AS VT 014 392 AND VT 014 390 (ALSO IN THIS ISSUE) AND VT 014 388 AND VT 014 389 (IN ARM VOL. 5 NO. 3). (JS)!

VT 014 402

SHYKORA, MATT M., COMP.
SAFETY.

ALBERTA TEACHERS' ASSOCIATION.
(CANADA). INDUSTRIAL ARTS AND VOCATIONAL EDUCATION COUNCIL.
MF AVAILABLE IN VT-ERIC SET.
INDUSTRIAL ARTS AND VOCATIONAL EDUCATION COUNCIL, THE ALBERTA TEACHERS' ASSOCIATION, 11010 - 142 STREET EDMONTON, ALBERTA, CANADA (FREE TO COUNCIL MEMBERS; SPECIAL SALES \$2)
PUB DATE - DEC70 79P.

DESCRIPTORS - *SAFETY EDUCATION;
*SCHOOL SAFETY; TEACHER RESPONSIBILITY; *INDUSTRIAL EDUCATION; *REFERENCE MATERIALS; *MANUALS; INSTRUCTIONAL MATERIALS; ACCIDENT PREVENTION; INDUSTRIAL ARTS

ABSTRACT - COMPILED BY A SUPERVISOR OF VOCATIONAL EDUCATION, THIS SAFETY MANUAL IS DESIGNED FOR ALL MEMBERS OF THE INDUSTRIAL ARTS AND VOCATIONAL EDUCATION COUNCIL. THE OBJECTIVES OF THE PUBLICATION ARE TO: (1) POINT OUT THE IMPORTANCE AND SIGNIFICANCE OF PROVIDING AN EFFECTIVE AND CONTINUOUS PROGRAM OF SAFETY EDUCATION IN THE SCHOOL LABORATORY, (2) PROVIDE SUGGESTIONS FOR IMPLEMENTING A SAFETY EDUCATION PROGRAM, (3) ASSIST TEACHERS IN DEVELOPING A SAFETY CONSCIOUS ATTITUDE IN STUDENTS, AND (4) MAKE TEACHERS AWARE OF THEIR LIABILITY. CONTENTS INCLUDE: (1) AREAS OF GENERAL INSTRUCTION AND GENERAL SAFETY SUGGESTIONS, (2) A SAFETY INSPECTION CHECKLIST, (3) GUIDELINES FOR ADMINISTERING AN EFFECTIVE SAFETY PROGRAM, (4) SAFETY TESTS, (5) SUGGESTED TEACHER PRACTICES, (6) A LETTER STATING WORKMEN'S COMPENSATION POLICY, (7) DEFINITIONS OF INDUSTRIAL ACCIDENT, (8) THE PURPOSE OF ACCIDENT INVESTIGATIONS, (9) ACCIDENT CONTROL POLICIES, AND (10) JOB SAFETY ANALYSIS PROCEDURES. THE SECTIONS ARE COLOR CODED FOR EASY REFERENCE. (GEB)!

VT 014 485

VOCATIONAL EDUCATION.

MARSHALL COMMUNITY UNIT SCHOOLS,
ILL.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 56P.1969-1970
REVISION.

DESCRIPTORS - VOCATIONAL EDUCATION;
*BUSINESS EDUCATION; *AGRICULTURAL EDUCATION; *INDUSTRIAL ARTS; *HOME ECONOMICS; INSTRUCTIONAL MATERIALS; EDUCATIONAL OBJECTIVES; *CURRICULUM GUIDES; COURSE OBJECTIVES; COURSE CONTENT IDENTIFIERS - *DIVERSIFIED OCCUPATIONS

ABSTRACT - PREPARED FOR THE COMMUNITY UNIT SCHOOLS, THIS DOCUMENT CONTAINS OUTLINES FOR BUSINESS EDUCATION, HOME ECONOMICS, INDUSTRIAL ARTS, DIVERSIFIED

OCCUPATIONS, AND AGRICULTURAL EDUCATION COURSES. UNDER BUSINESS EDUCATION, SPECIFIC OBJECTIVES ARE STATED FOR: (1) OFFICE OCCUPATIONS, (2) SHORTHAND I AND II, (3) DISTRIBUTIVE EDUCATION, (4) OCCUPATIONS, (5) BOOKKEEPING, (6) CONSUMER PROBLEMS, (7) TYPING I AND II, (8) BUSINESS MACHINES, (9) OFFICE PRACTICE, (10) GENERAL BUSINESS, (11) JUNIOR HIGH TYPING, AND (12) CLERICAL RECORD KEEPING. FOR HOME ECONOMICS, A COURSE DESCRIPTION, METHOD OF EVALUATION, GENERAL OBJECTIVES, AND COURSE OUTLINE ARE GIVEN FOR COURSES OFFERED IN GRADES 7 THROUGH 12. INDUSTRIAL ARTS COURSES OUTLINED INCLUDE: (1) GENERAL WOODS I, (2) POWER MECHANICS, AND (3) CABINET MAKING. LISTS OF POSSIBLE OCCUPATIONS AND SUGGESTED RELATED MATERIAL ARE PROVIDED FOR THE DIVERSIFIED OCCUPATIONS COURSE. THE AGRICULTURE CURRICULUM OUTLINE INCLUDES: (1) MECHANICAL DRAWING, (2) ARCHITECTURAL DRAWING, (3) ELECTRICITY-ELECTRONICS, (4) AGRICULTURE OCCUPATIONS I THROUGH IV, AND (5) AN ADULT PROGRAM IN AGRICULTURE. (GEB)

VT 014 503

PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR COURSES TAUGHT AT GARFIELD HIGH SCHOOL.

GARFIELD HIGH SCHOOL.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 416P.

DESCRIPTORS - *CURRICULUM GUIDES; *BEHAVIORAL OBJECTIVES; SECONDARY GRADES; *GRADUATION REQUIREMENTS; *ACADEMIC STANDARDS; LANGUAGE ARTS; LANGUAGES; MUSIC; ART; BUSINESS EDUCATION; MATHEMATICS; HOME ECONOMICS EDUCATION; INDUSTRIAL ARTS; SCIENCES; CAREER OPPORTUNITIES; SOCIAL STUDIES; PHYSICAL EDUCATION; *COURSE DESCRIPTIONS
IDENTIFIERS - GARFIELD HIGH SCHOOL

ABSTRACT - THE MAIN OBJECTIVES OF THE GARFIELD HIGH SCHOOL EDUCATIONAL PROGRAM ARE TO PREPARE THE GRADUATE FOR EFFECTIVE

CITIZENSHIP THROUGH GENERAL EDUCATION AND TO PROVIDE HIM WITH A SALEABLE SKILL AND/OR THOSE PERFORMANCE OBJECTIVES NECESSARY FOR COLLEGE ENTRANCE AND SUCCESS. THIS MANUAL PRESENTS THE PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR EACH COURSE TAUGHT AT GARFIELD HIGH. COURSES OUTLINES ARE: (1) LANGUAGE ARTS, INCLUDING DRAMA, MINORITIES LITERATURE, NEWSWRITING, DEBATE, HUMANITIES, AND WRITING LAB, (2) FOREIGN LANGUAGES, (3) MUSIC, INCLUDING AFRICAN-AMERICAN AND INSTRUMENTAL MUSIC, (4) ART, INCLUDING FASHION ILLUSTRATION, TEXTILES, PHOTOGRAPHY, CERAMICS AND JEWELRY, (5) BUSINESS EDUCATION, INCLUDING BUSINESS ARITHMETIC AND ENGLISH, ACCOUNTING, TYPING, OFFICE PRACTICE, BUSINESS LAW, SHORTHAND, AND RETAILING, (6) HOME AND FAMILY LIVING, INCLUDING MEAL AND CLOTHING MANAGEMENT, HOME FURNISHING, HUMAN DEVELOPMENT AND CONSUMER ECONOMICS, (7) MATHEMATICS, ALL AREAS, (8) INDUSTRIAL ARTS, INCLUDING WOODWORKING, ELECTRICITY, TECHNICAL DRAWING, AND AUTOMOTIVE APPLICATION, (9) SCIENCE, INCLUDING BIOLOGY, CHEMISTRY, AND PHYSICS, (10) CAREER OPPORTUNITIES PROGRAM, INCLUDING COSMETOLOGY, DRY CLEANING, AND HEALTH OCCUPATIONS, (11) SOCIAL STUDIES, AND (12) PHYSICAL EDUCATION. ADDITIONAL PERTINENT INFORMATION SUCH AS COURSE PROCEDURES, UNITS, TASKS, AND MATERIALS ARE APPENDED. (AW)

VT 014 506

OWEN, MARGARET
COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.

KENTUCKY INDEPENDENT SCHOOL DISTRICT, PIKEVILLE.; EASTERN KENTUCKY UNIV., RICHMOND.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - DFC71 59P. PREPARED FOR PROJECT DIRECTOR'S CONFERENCE (COLUMBUS, OHIO, DECEMBER 13-14, 1971).

DESCRIPTORS - VOCATIONAL EDUCATION;
*BIBLIOGRAPHIES; *CAREER EDUCATION;
*RESOURCE MATERIALS; *INSTRUCTIONAL
MATERIALS; *OCCUPATIONAL
INFORMATION; PROGRAM DEVELOPMENT;
VOCATIONAL COUNSELING

ABSTRACT - THE TWO SECTIONS OF THIS
BIBLIOGRAPHY INCLUDE MATERIALS
WHICH ARE USED IN THE CLASSROOM
WITH STUDENTS AND MATERIALS WHICH
HAVE BEEN USED BY TEACHERS,
COUNSELORS, AND ADMINISTRATORS
DURING INSERVICE PROGRAMS. LISTINGS
FOR THE STUDENT MATERIALS ARE
ARRANGED ALPHABETICALLY BY AUTHOR
IN THE SUBJECT GROUPINGS OF: (1)
AGRICULTURE, (2) COMMUNICATION, (3)
CONSTRUCTION, (4) FAMILY, (5)
FINANCE, (6) FISHERIES, (7)
FORESTRY, (8) GENERAL, (9)
GOVERNMENT, (10) GUIDANCE, (11)
HOUSES, (12) MANUFACTURING, (13)
MINERALS, (14) SERVICE, (15)
TRANSPORTATION, (16) WHOLESALE AND
RETAIL TRADE. THE REMAINDER OF THE
BIBLIOGRAPHY INCLUDES: (1)
DIRECTORY OF PUBLISHERS, (2) STAFF
RESOURCES, (3) DIRECTORY OF BOOK
PUBLISHERS LISTED IN STAFF
RESOURCES, (4) FILMSTRIPS, (5)
ADDRESSES OF FILMSTRIP PUBLISHERS,
AND (6) ACTIVITY KITS - FLANNEL
BOARDS, POSTERS, SUPPLIES,
TRANSPARENCIES. THE BIBLIOGRAPHY
SHOULD BE USEFUL IN REVIEWING
RESOURCES RELATED TO OCCUPATIONAL
OR CAREER EDUCATION PROGRAMS. (JS)

VT 014 513

CAREERS UNLIMITED...MANUFACTURING--
SCIENCE.

SYRACUSE CITY SCHOOL DISTRICT, N.Y.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 5P.

DESCRIPTORS - *CAREER EDUCATION;
*OCCUPATIONAL INFORMATION;
VOCATIONAL GUIDANCE; BEHAVIORAL
OBJECTIVES; LEARNING ACTIVITIES;
INSTRUCTIONAL MATERIALS; *STUDY
GUIDES; TEXTBOOKS; TEACHING GUIDES;
*SCIENCE EDUCATION; *MANUFACTURING
INDUSTRY; EDUCATIONAL NEEDS
IDENTIFIERS - *SKILL NEEDS

ABSTRACT - DEVELOPED WITHIN A CITY

SCHOOL DISTRICT FOR USE IN A GUIDED
OCCUPATIONAL ORIENTATION PROGRAM,
THIS STUDY GUIDE IS ONE IN A SERIES
DESIGNED TO EXPLAIN AND REINFORCE
THE CONCEPTS OF ENGLISH, SOCIAL
STUDIES, MATHEMATICS AND SCIENCE
NEEDED BY PERSONS IN MANUFACTURING.
THIS PARTICULAR DOCUMENT CONCERNS
THE CONTRIBUTIONS SCIENCE MAKES TO
MANUFACTURING INDUSTRIES.
BEHAVIORAL OBJECTIVES ARE STATED
AND SUGGESTED ACTIVITIES ARE LISTED
FOR MEETING THE OBJECTIVES. THE
OBJECTIVES IN THIS GUIDE INCLUDE
BECOMING FAMILIAR WITH SKILLS
NEEDED, CHARACTERISTICS OF
MATERIALS, MANUFACTURING'S RELATION
TO THING-ORIENTED SERVICES, AND
MACHINES AND EQUIPMENT USED. (GEB)

VT 014 516

CAREERS UNLIMITED...STRUCTURAL
WORK--SOCIAL STUDIES.

SYRACUSE CITY SCHOOL DISTRICT, N.Y.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 8P.

DESCRIPTORS - *CAREER EDUCATION;
*OCCUPATIONAL INFORMATION;
VOCATIONAL GUIDANCE; BEHAVIORAL
OBJECTIVES; LEARNING ACTIVITIES;
INSTRUCTIONAL MATERIALS; *STUDY
GUIDES; TEXTBOOKS; TEACHING GUIDES;
*BUILDING TRADES; EMPLOYMENT
OPPORTUNITIES; JOB DEVELOPMENT;
*SOCIAL STUDIES

ABSTRACT - DEVELOPED WITHIN A CITY
SCHOOL DISTRICT FOR USE IN A GUIDED
OCCUPATIONAL ORIENTATION PROGRAM,
THIS STUDY GUIDE IS ONE IN A SERIES
DESIGNED TO EXPLAIN AND REINFORCE
THE CONCEPTS OF ENGLISH, SOCIAL
STUDIES, MATHEMATICS AND SCIENCE
NEEDED BY PERSONS DOING STRUCTURAL
WORK. THIS PARTICULAR DOCUMENT
CONCERNS THE CONTRIBUTIONS SOCIAL
STUDIES CAN MAKE TO THESE PERSONS.
BEHAVIORAL OBJECTIVES ARE STATED
AND SUGGESTED ACTIVITIES ARE LISTED
FOR MEETING THE OBJECTIVES. THE
OBJECTIVES IN THIS GUIDE INCLUDE
STUDYING PAY SYSTEMS, HOW MATERIALS
AND ORGANIZATIONS HAVE CHANGED,
DEVELOPMENTS OF THE TRADE, AND
EFFECTS OF POPULATION SHIFTS.
(GEB)

VT 014 551
CAREERS UNLIMITED...MANUFACTURING--
ENGLISH.

SYRACUSE CITY SCHOOL DISTRICT, N.Y.
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - ND 12P.

DESCRIPTORS - *CAREER EDUCATION;
 *OCCUPATIONAL INFORMATION;
 VOCATIONAL GUIDANCE; BEHAVIORAL
 OBJECTIVES; LEARNING ACTIVITIES;
 INSTRUCTIONAL MATERIALS; *STUDY
 GUIDES; TEACHING GUIDES;
 *MANUFACTURING INDUSTRY; *ENGLISH;
 EDUCATIONAL NEEDS; EMPLOYMENT
 OPPORTUNITIES; SKILL DEVELOPMENT

ABSTRACT - DEVELOPED WITHIN A CITY
 SCHOOL DISTRICT FOR USE IN A GUIDED
 OCCUPATIONAL ORIENTATION PROGRAM,
 THIS STUDY GUIDE IS ONE IN A SERIES
 DESIGNED TO EXPLAIN AND REINFORCE
 THE CONCEPTS OF ENGLISH, SOCIAL
 STUDIES, MATHEMATICS AND SCIENCE
 NEEDED BY PERSONS IN MANUFACTURING
 INDUSTRIES. THIS PARTICULAR
 DOCUMENT CONCERNS THE CONTRIBUTIONS
 ENGLISH CAN MAKE TO THESE PERSONS.
 BEHAVIORAL OBJECTIVES ARE STATED
 AND SUGGESTED ACTIVITIES ARE LISTED
 FOR MEETING THE OBJECTIVES. THE
 OBJECTIVES IN THIS GUIDE INCLUDE
 THOSE CONCERNED WITH THE AUTOMOBILE
 INDUSTRY, TEXTILES, STEEL MAKING,
 MACHINE TRADES, AND BENCH WORK.
 (GEB)

VT 014 556
TRANSPORTATION CAREERS. GUIDED
OCCUPATIONAL ORIENTATION.

SYRACUSE CITY SCHOOL DISTRICT, N.Y.
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - ND 61P.

DESCRIPTORS - *CAREER EDUCATION;
 *OCCUPATIONAL INFORMATION;
 *VOCATIONAL GUIDANCE; PRETESTS;
 POST TESTING; GLOSSARIES;
 BIBLIOGRAPHIES; INSTRUCTIONAL
 MATERIALS; TEACHING GUIDES;
 *TEXTBOOKS; ELEMENTARY GRADES;
 LEARNING ACTIVITIES;
 *TRANSPORTATION

ABSTRACT - DEVELOPED BY THE CAREER

CENTER FOR OCCUPATIONAL
 ORIENTATION, THESE MATERIALS ARE
 DESIGNED FOR STUDENT AND TEACHER
 USE IN LEARNING ABOUT SPECIFIC
 OCCUPATIONS. THIS DOCUMENT IS
 CONCERNED WITH TRANSPORTATION
 CAREERS. TOPICS INCLUDE: (1) NATURE
 OF WORK, (2) REQUIREMENTS OF THE
 JOB, (3) CONDITIONS OF WORK, AND
 (4) ADVANTAGES OF THE JOB. LEARNING
 ACTIVITIES AND ENRICHMENT PROJECTS
 ARE INCLUDED FOR 33 ASSIGNMENTS. A
 PRETEST AND POSTTEST, A
 BIBLIOGRAPHY, STANDARD INTERVIEW
 SHEET, AND A GLOSSARY ARE INCLUDED.
 THE DOCUMENT IS ILLUSTRATED WITH
 LINE SKETCHES. (GEB)

VT 014 573
HORNING, DONALD B., AND OTHERS
INDUSTRIAL EDUCATION COURSE
OUTLINE: GRAPHIC ARTS 3-4.

LONG BEACH UNIFIED SCHOOL DISTRICT,
 CALIF., OFFICE OF CURRICULUM AND
 INSTRUCTION.
 MF AVAILABLE IN VT-ERIC SET.
 OFFICE OF CURRICULUM AND
 INSTRUCTION, LONG BEACH UNIFIED
 SCHOOL DISTRICT, 701 LOCUST AVENUE,
 LONG BEACH, CALIFORNIA 90813
 PUB DATE - 70 31P.

DESCRIPTORS - *INDUSTRIAL ARTS;
 *OCCUPATIONAL INFORMATION;
 OCCUPATIONAL GUIDANCE; *GRAPHIC
 ARTS; *INSTRUCTIONAL MATERIALS;
 RESOURCE MATERIALS; SECONDARY
 GRADES; *CURRICULUM GUIDES; COURSE
 CONTENT

ABSTRACT - PREPARED UNDER THE
 SUPERVISION OF AN INDUSTRIAL
 EDUCATION CONSULTANT, THIS COURSE
 OUTLINE IS FOR INSTRUCTOR USE IN
 TEACHING GRAPHIC ARTS IN GRADES 10,
 11, AND 12. THE MATERIAL IS
 DESIGNED FOR 2 SEMESTERS, 1 OR 2
 PERIODS PER DAY. THIS IS A FOLLOWUP
 TO GRAPHIC ARTS 1-2 AND STUDENTS
 ARE EXPECTED TO PRODUCE MORE
 SOPHISTICATED JOBS AND TO INCREASE
 THEIR SKILL DEVELOPMENT. TOPICS
 INCLUDE: (1) LAYOUT AND DESIGN, (2)
 HAND COMPOSITION, (3) IMPOSITION
 AND MAKEUP, (4) PLATEN PRESS
 OPERATION, (5) LINOLEUM BLOCK
 PRINTING, (6) SILK-SCREEN PRINTING,

(7) BOOKBINDING, (8) OFFSET LITHOGRAPHY, AND (9) OCCUPATIONAL GUIDANCE. SUGGESTED ACTIVITIES, SKILLS, AND PROCESSES, TECHNICAL FUNCTIONAL INFORMATION, RELATED INFORMATION, AND LISTS OF INSTRUCTIONAL AIDS ARE PROVIDED FOR EACH TOPIC. AN EVALUATION CHECK LIST IS INCLUDED. (BH)

VT 014 596 ED 058 455
EXPLORING IN AEROSPACE ROCKETRY. AN INTRODUCTION TO THE FUNDAMENTALS OF ROCKETRY.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, CLEVELAND, OHIO. LEWIS RESEARCH CENTER.
EDRS PRICE MF-\$0.65 HC-\$13.16.
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (STOCK NUMBER 3300-0394; NAS 1.19:88, \$3.25)
PUB DATE - 71 366P.

DESCRIPTORS - *AEROSPACE TECHNOLOGY; AEROSPACE INDUSTRY; *CURRICULUM GUIDES; *TEXTBOOKS; INSTRUCTIONAL MATERIALS; *RESOURCE MATERIALS; ILLUSTRATIONS; OCCUPATIONAL GUIDANCE; *INDUSTRIAL EDUCATION IDENTIFIERS - *ROCKETRY

ABSTRACT - THIS CURRICULUM GUIDE IS BASED ON 2 YEARS OF LECTURES AND PROJECTS OF A CONTEMPORARY, SPECIAL-INTEREST AEROSPACE PROGRAM FOR PROMISING STUDENTS, AGES 15-19. THE PROGRAM USES TECHNICAL LECTURES, PROJECT ACTIVITIES AND FIELD TRIPS TO INTRODUCE STUDENTS TO THE REAL ENGINEERING WORLD OF PIONEERING AEROSPACE ACHIEVEMENT, AND THE VARIETY OF SKILLS AND CAREERS IT INVOLVES. THIS BOOK CAN BE USED AS A CURRICULUM RESOURCE FOR HIGH SCHOOL AND COLLEGE TEACHERS, AND MAY BE HELPFUL TO CURRICULUM COMMITTEES AND TEXTBOOK WRITERS. TEACHERS IN VARIOUS DISCIPLINES CAN USE SELECTED CHAPTERS TO ENRICH OR SUPPLEMENT REGULAR COURSES, INCLUDING APPLIED MATHEMATICS, PHYSICS, CHEMISTRY AND BIOLOGY. WITH MODIFICATION, SOME OF THE MATERIAL COULD BE USEFUL

INDUSTRIAL ARTS AND VOCATIONAL EDUCATION COURSES. THE 22 CHAPTERS ARE SUPPLEMENTED WITH NUMEROUS ILLUSTRATIONS, PHOTOGRAPHS, CHARTS, AND LINE DRAWINGS. A RELATED DOCUMENT IS AVAILABLE IN THIS ISSUE AS VT 014 597. (CD)

VT 014 597 ED 058 456
EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, CLEVELAND, OHIO. LEWIS RESEARCH CENTER.
EDRS PRICE MF-\$0.65 HC-\$13.16.
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (STOCK NUMBER 3300-0395; NAS 1.19:89, \$3.50)
PUB DATE - 71 398P.

DESCRIPTORS - *AEROSPACE TECHNOLOGY; AEROSPACE INDUSTRY; *CURRICULUM GUIDES; *TEXTBOOKS; INSTRUCTIONAL MATERIALS; ILLUSTRATIONS; *OCCUPATIONAL GUIDANCE; *INDUSTRIAL EDUCATION IDENTIFIERS - *AERONAUTICS

ABSTRACT - THIS CURRICULUM GUIDE IS BASED ON A YEAR OF LECTURES AND PROJECTS OF A CONTEMPORARY SPECIAL-INTEREST EXPLORER PROGRAM INTENDED TO PROVIDE CAREER GUIDANCE AND MOTIVATION FOR PROMISING STUDENTS INTERESTED IN AEROSPACE ENGINEERING AND SCIENTIFIC PROFESSIONS. THE ADULT-ORIENTED PROGRAM AVOIDS TECHNICALITY AND RIGOROUS MATHEMATICS AND STRESSES REAL LIFE INVOLVEMENT THROUGH PROJECT ACTIVITY AND TEAMWORK. TEACHERS IN HIGH SCHOOLS AND COLLEGES WILL FIND THIS A USEFUL CURRICULUM RESOURCE, WITH MANY TOPICS IN VARIOUS DISCIPLINES WHICH CAN SUPPLEMENT REGULAR COURSES. CURRICULUM COMMITTEES, TEXTBOOK WRITERS AND HOBBYISTS WILL ALSO FIND IT RELEVANT. THE MATERIALS MAY BE USED AT COLLEGE LEVEL FOR INTRODUCTORY COURSES, OR MODIFIED FOR USE WITH VOCATIONALLY ORIENTED HIGH SCHOOL STUDENT GROUPS. SEVENTEEN CHAPTERS ARE SUPPLEMENTED WITH PHOTOGRAPHS,

CHARTS, AND LINE DRAWINGS. A RELATED DOCUMENT IS AVAILABLE IN THIS ISSUE AS VT 014 596. (CD)

VT 014 600

DAVIS, E.E., JR.
FILMS FOR CLASSROOM TEACHING.

LOUISIANA STATE DEPT. OF EDUCATION,
BATON ROUGE.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 71P.

DESCRIPTORS - AUDIOVISUAL AIDS;
*FILMS; FILM LIBRARIES; *TAPE
RECORDINGS; *INSTRUCTIONAL
MATERIALS; STATE LIBRARIES;
REGIONAL LIBRARIES; *CATALOGUES;
GENERAL EDUCATION; VOCATIONAL
EDUCATION
IDENTIFIERS - *LOUISIANA

ABSTRACT - PREPARED BY A SUPERVISOR OF AUDIO VISUAL INSTRUCTION, THIS FILM CATALOG INCLUDES THOSE 16MM INSTRUCTIONAL FILMS AND TAPES CONTAINED IN THE LOUISIANA REGIONAL FILM LIBRARIES. THE TITLES ARE ARRANGED ALPHABETICALLY UNDER THE SUBJECT MATTER AREAS OF: (1) AGRICULTURE, (2) ART, (3) AUDIO VISUAL, (4) BUSINESS EDUCATION, (5) COMMUNICATION, (6) ENGLISH AND LANGUAGE ARTS, (7) ENGINEERING, (8) FOOD PRESERVATION, (9) GUIDANCE, (10) HEALTH AND PHYSICAL EDUCATION, (11) HOME ECONOMICS, (12) INDUSTRIAL ARTS, (13) LIBRARY, (14) MATHEMATICS, (15) MUSIC, (16) SAFETY EDUCATION, (17) SCIENCE, (18) SOCIAL STUDIES, AND (19) TRANSPORTATION. INSTRUCTIONS ON HOW TO USE THE CATALOG, A KEY TO SYMBOLS AND ABBREVIATIONS, AND SUGGESTIONS ON USING THE FILMS ARE INCLUDED. (GEB)

VT 014 601

COPELAND, CHARLES M., AND OTHERS
INDUSTRIAL EDUCATION COURSE
OUTLINE: ARCHITECTURAL DRAFTING 3-4.

LONG BEACH UNIFIED SCHOOL DISTRICT,
CALIF. OFFICE OF CURRICULUM AND
INSTRUCTION.
MF AVAILABLE IN VT-ERIC SET.
OFFICE OF CURRICULUM AND

INSTRUCTION, LONG BEACH UNIFIED
SCHOOL DISTRICT, 701 LOCUST AVENUE,
LONG BEACH, CALIFORNIA 90813
PUB DATE - 70 33P.

DESCRIPTORS - *INDUSTRIAL ARTS;
*ARCHITECTURAL DRAFTING; GRADE 11;
GRADE 12; DESIGN NEEDS;
CONSTRUCTION NEEDS; *CURRICULUM
GUIDES; COURSE CONTENT;
*INSTRUCTIONAL MATERIALS; *RESOURCE
MATERIALS; OCCUPATIONAL INFORMATION

ABSTRACT - PREPARED UNDER THE SUPERVISION OF AN INDUSTRIAL EDUCATION CONSULTANT, THIS COURSE OUTLINE IS FOR INSTRUCTOR USE IN TEACHING ARCHITECTURAL DRAFTING IN GRADES 11 AND 12. THE MATERIAL IS DESIGNED FOR 2 SEMESTERS, 5 PERIODS PER WEEK. INSTRUCTION IS DEVELOPED AROUND A STUDENT-DESIGNED HILLSIDE RESIDENCE CHARACTERIZED BY WOODFRAME, RAISED FLOOR, AND SPLIT-LEVEL CONSTRUCTION. THE COURSE INCLUDES: (1) SKETCHING, (2) SITE DEVELOPMENT, (3) STRUCTURE, (4) PRESENTATION RENDERINGS, (5) ARCHITECTURAL MODELS, (6) PRELIMINARY DESIGN, AND (7) WORKING DRAWINGS. SUGGESTED ACTIVITIES, SKILLS, AND PROCESSES, TECHNICAL FUNCTIONAL INFORMATION, RELATED INFORMATION, AND LISTS OF INSTRUCTIONAL AIDS ARE PROVIDED FOR EACH SECTION. AN EVALUATION CHECK LIST IS INCLUDED. (BH)

VT 014 602

DARGATZ, GLENN E., AND OTHERS
INDUSTRIAL EDUCATION COURSE
OUTLINE: AUTO MECHANICS 3-4.

LONG BEACH UNIFIED SCHOOL DISTRICT,
CALIF. OFFICE OF CURRICULUM AND
INSTRUCTION.
MF AVAILABLE IN VT-ERIC SET.
OFFICE OF CURRICULUM AND
INSTRUCTION, LONG BEACH UNIFIED
SCHOOL DISTRICT, 701 LOCUST AVENUE,
LONG BEACH, CALIFORNIA 90813
PUB DATE - 70 55P.

DESCRIPTORS - *INDUSTRIAL
EDUCATION; INDUSTRIAL ARTS; *AUTO
MECHANICS; *COURSE CONTENT;
*TEACHING GUIDES; INSTRUCTIONAL
MATERIALS; SECONDARY GRADES;

CONSUMER EDUCATION; SAFETY EDUCATION; SKILL DEVELOPMENT; AUTO MECHANICS (OCCUPATION)

ABSTRACT - PREPARED BY TEACHERS, THIS COURSE OUTLINE IS FOR INSTRUCTOR USE IN TEACHING AUTO MECHANICS IN GRADES 11 OR 12. THE COURSE IS DESIGNED FOR 2 SEMESTERS, 1 OR 2 PERIODS DAILY AND IS A FOLLOWUP TO THE INTRODUCTORY COURSE WHICH COVERS THE BASIC AUTOMOTIVE FUNDAMENTALS. SPECIFIC OBJECTIVES OF THE COURSE INCLUDE TO HELP STUDENTS TO: (1) DEVELOP KNOWLEDGE AND SKILLS COMMENSURATE WITH THE NEEDS OF THE AUTOMOTIVE CONSUMER AND PERSONS WITH AVOCATIONAL INTERESTS IN AUTOMOTIVES, (2) APPLY AND REINFORCE RECOGNITION OF THE IMPORTANCE OF RECOMMENDED SAFETY PRACTICES OF THE AUTOMOTIVE INDUSTRY, AND (3) DEVELOP SKILL IN THE USE AND CARE OF TOOLS AND EQUIPMENT OF THE AUTOMOTIVE INDUSTRY. INCLUDED IN THE 22 TOPICS OUTLINED ARE: (1) ENGINE COOLING SYSTEMS, (2) ELECTRICAL PRINCIPLES, (3) CRANKING MOTORS, (4) IGNITION SYSTEMS, (5) CLUTCHES, (6) TRANSMISSIONS, (7) SUSPENSION SYSTEMS, (8) WHEELS AND TIRES, AND (9) BRAKES. EACH TOPIC IS BROKEN INTO: (1) ACTIVITIES, SKILLS, AND PROCESSES, (2) TECHNICAL FUNCTIONAL INFORMATION, (3) RELATED INFORMATION, AND (4) INSTRUCTIONAL AIDS. AN EVALUATION CHECKLIST IS INCLUDED. (GEB)

VT 014 603
ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.

ILLINOIS COMMUNITY UNIT SCHOOL DISTRICT 9, GRANITE CITY.
MF AVAILABLE IN VT-ERIC SET.
COMMUNITY UNIT SCHOOL DISTRICT #9,
20TH & ADAMS STREET, GRANITE CITY,
ILLINOIS 62040 (\$1.50)
PUB DATE - ND 86P.

DESCRIPTORS - *CAREER EDUCATION;
*TEACHING GUIDES; *OCCUPATIONAL
INFORMATION; VOCATIONAL EDUCATION;
*OCCUPATIONS; *ELEMENTARY GRADES;
ELEMENTARY SCHOOL CURRICULUM;
LEARNING ACTIVITIES

IDENTIFIERS - *OCCUPATIONAL
EXPLORATION; CAREER LATTICE

ABSTRACT - THIS GUIDE CONTAINS INFORMATION FOR TEACHER USE IN PLANNING OCCUPATIONAL EXPLORATION EXPERIENCES FOR GRADES 5-6. ORGANIZED INTO THREE SECTIONS ON THE BASIS OF GRADE LEVEL (K-2, 3-4, AND 5-6), EACH SECTION CONTAINS OBJECTIVES, SUGGESTED LEARNING ACTIVITIES AND RESOURCES WITH EMPHASIS ON LOCAL RESOURCES, AND A CAREER LATTICE OF SUGGESTED OCCUPATIONS IN THESE AREAS: (1) INDUSTRY, (2) HEALTH, (3) PUBLIC AND PERSONAL SERVICES, (4) APPLIED BIOLOGY AND AGRICULTURE, (5) BUSINESS MARKETING AND MANAGEMENT, AND (6) CONSTRUCTION. THE DOCUMENT ALSO CONTAINS A LISTING OF COMMUNITY RESOURCES BY OCCUPATIONAL AREA, SUGGESTIONS FOR PLANNING FIELD TRIPS, AN ALPHABETICAL LISTING OF FIELD TRIPS, AND RELATED INSTRUCTIONAL MATERIALS. (SB)

VT 014 642 ED 057 257
ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION AND ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION. ANNUAL INDEX 1970-71.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-\$0.65 HC-\$26.32.
CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, 1900 KENNY ROAD, COLUMBUS, OHIO 43210 (QUARTERLY, ONE YEAR \$11.00; TWO YEARS \$18.00)
PUB DATE - 71 701P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; *INDEXES (LOCATORS); *VOCATIONAL EDUCATION; *EDUCATIONAL RESEARCH; TECHNICAL EDUCATION; CLEARINGHOUSES; RESOURCE MATERIALS; *BIBLIOGRAPHIES; RESEARCH MATERIALS; INFORMATION STORAGE; INFORMATION RETRIEVAL

ABSTRACT - THIS PUBLICATION PROVIDES COMBINED CUMULATIVE

INDEXES TO THE FIVE ISSUES OF "ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (AIM) AND "ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (ARM) PUBLISHED FALL 1970-FALL 1971. RESEARCHERS, SUPERVISORS, TEACHER EDUCATORS, EDUCATION SPECIALISTS, ADMINISTRATORS, AND TEACHERS MAY USE THIS DOCUMENT AS A TOOL IN SEARCHING BY AUTHOR OR BY SUBJECT FOR MATERIALS ACQUIRED AND PROCESSED BY THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) CLEARINGHOUSE ON VOCATIONAL AND TECHNICAL EDUCATION. SECTIONS INCLUDE: (1) SUBJECT INDEX, (2) PERSONAL AND INSTITUTIONAL AUTHORS INDEX, AND (3) CONVERSION OF DOCUMENT NUMBER INDEX CUMULATIVE FOR AIM AND ARM FROM FALL 1967 THROUGH FALL 1971. WITHIN THE FIRST TWO SECTIONS, MATERIALS ARE LISTED BY VT IDENTIFICATION NUMBER INCLUDING THE TITLE, AND GIVE THE LOCATION OF THE FULL ABSTRACT IN AIM, ARM, OR IF APPLICABLE, "RESEARCH IN EDUCATION" (RIE). (CD)

VT 014 650

PARADY, W. HAROLD, AND OTHERS
ELECTRIC MOTORS—SELECTION,
PROTECTION, AND DRIVES.

AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.

MF AVAILABLE IN VT-ERIC SET.
AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS,
ENGINEERING CENTER, ATHENS, GEORGIA
30601 (\$2.60)

PUB DATE - JAN72 53P.

DESCRIPTORS - *MANUALS; *TRADE AND INDUSTRIAL EDUCATION; *GUIDES; *ELECTRIC MOTORS; INSTRUCTIONAL MATERIALS; *CONSUMER EDUCATION; ELECTRICITY; KINETICS

ABSTRACT - DEVELOPED BY THE AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, THIS MANUAL IS DESIGNED TO HELP PERSONS SELECT THE ELECTRIC MOTOR THAT IS BEST SUITED TO DRIVE SPECIFIED

EQUIPMENT. UNDER THE SELECTION OF ELECTRIC MOTORS ATTENTION IS GIVEN TO MOTOR SPEED AND DUTY, AND TYPES OF BEARINGS, ENCLOSURES AND MOUNTING. UNITS ARE PRESENTED ON SELECTING MOTOR DRIVES AND DETERMINING DRIVE SIZES. AN ALPHABETICAL INDEX AND A LIST OF COMPANION PUBLICATIONS AND VISUALS ARE INCLUDED. EXTENSIVE ILLUSTRATIONS ARE PROVIDED BY COLOR PICTURES AND LINE DRAWINGS. (GEB)

VT 014 700 ED 059 384
CURRICULUM GUIDE FOR ELECTRICITY-ELECTRONICS.

OREGON STATE BOARD OF EDUCATION, SALEM. DIV. OF COMMUNITY COLLEGES AND CAREER EDUCATION.
DOCUMENT NOT AVAILABLE FROM EDRS.
OREGON BOARD OF EDUCATION, 942 LANCASTER DRIVE, NE, SALEM, OREGON 97310 (\$2.50)
PUB DATE - SEP69 142P.

DESCRIPTORS - *ELECTRICITY; *ELECTRONICS; *CAREER EDUCATION; *CURRICULUM GUIDES; OCCUPATIONAL INFORMATION; OCCUPATIONAL GUIDANCE; CLUSTER ANALYSIS; *OCCUPATIONAL CLUSTERS; LEARNING ACTIVITIES; ELECTRIC CIRCUITS; ELECTROMECHANICAL TECHNOLOGY; COMMUNICATIONS; ELECTRICAL APPLIANCE SERVICEMEN; ELECTRICIANS; ELECTRICAL OCCUPATIONS; SAFETY EDUCATION; BEHAVIORAL OBJECTIVES; REFERENCE MATERIALS
IDENTIFIERS - THE OREGON WAY

ABSTRACT - DEVELOPED THROUGH A COOPERATIVE EFFORT BY INDUSTRY AND EDUCATION, THIS CURRICULUM GUIDE OUTLINES THE BASIC SKILLS AND KNOWLEDGE NECESSARY FOR ENTRY-LEVEL COMPETENCIES IN THE BROAD FIELD OF ELECTRICITY-ELECTRONICS, OR FOR ENTRANCE INTO AN APPRENTICESHIP, POST-HIGH SCHOOL, OR UNIVERSITY PROGRAM. THIS GUIDE IS ONE OF SEVERAL DEVELOPED FOR OREGON'S NEW APPROACH TO SECONDARY EDUCATION CALLED "THE OREGON WAY." THE PROGRAM IS BASED ON THE ASSUMPTIONS THAT SECONDARY SCHOOLS SHOULD BE PREPARATORY FOR ALL STUDENTS, AND THAT A PREPARATORY PROGRAM TIES THE

CURRICULUM TO THE LIVES OF STUDENTS. AS A RESULT OF ANALYZING OVER 350 SEPARATE OCCUPATIONS, FIVE KEY CLUSTERS FOR ELECTRICITY-ELECTRONICS WERE DERIVED: (1) ELECTRONICS ASSEMBLER, (2) ELECTRICAL REPAIRMAN, (3) ELECTRICAL APPLIANCE SERVICEMAN, (4) ELECTRONICS TECHNICIAN, AND (5) ELECTRICIAN. FOLLOWING THE OCCUPATIONAL AND INSTRUCTIONAL DATA AND CURRICULUM SUGGESTIONS, COURSE OUTLINES ARE PROVIDED FOR: (1) CIRCUITRY FUNDAMENTALS, (2) ELECTROMECHANICS, AND (3) COMMUNICATIONS. REQUIRED KNOWLEDGE, BEHAVIORAL OBJECTIVES, AND SUGGESTED LEARNING ACTIVITIES ARE GIVEN FOR EACH UNIT. INFORMATION RELATED TO SAFETY AND MAINTENANCE, AND A LIST OF SUGGESTED EQUIPMENT AND FACILITIES ARE APPENDED. (GEB)

VT 014 701 ED 059 385
CURRICULUM GUIDE FOR METALS.

OREGON STATE BOARD OF EDUCATION,
SALEM. DIV. OF COMMUNITY COLLEGES
AND CAREER EDUCATION.
DOCUMENT NOT AVAILABLE FROM EDRS.
OREGON BOARD OF EDUCATION, 942
LANCASTER DRIVE, NE, SALEM, OREGON
97310 (\$2.50)
PUB DATE - SEP69 181P.

DESCRIPTORS - *METALS; *CURRICULUM
GUIDES; *OCCUPATIONAL INFORMATION;
*CAREER EDUCATION; OCCUPATIONAL
GUIDANCE; INSTRUCTIONAL MATERIALS;
CLUSTER ANALYSIS; COMMUNICATIONS;
SHEET METAL WORKERS; AUTO BODY
REPAIRMEN; MACHINISTS; WELDERS;
REFERENCE MATERIALS; SAFETY
EDUCATION; EQUIPMENT; LEARNING
ACTIVITIES; BEHAVIORAL OBJECTIVES;
*OCCUPATIONAL CLUSTERS
IDENTIFIERS - THE OREGON WAY

ABSTRACT - DEVELOPED THROUGH A
COOPERATIVE EFFORT BY INDUSTRY AND
EDUCATION, THIS CURRICULUM GUIDE
OUTLINES THE BASIC SKILLS AND
KNOWLEDGE NECESSARY FOR ENTRY-LEVEL
COMPETENCIES IN THE BROAD FIELD OF
METALS, OR FOR ENTRANCE INTO AN
APPRENTICESHIP, POST-HIGH SCHOOL,
OR UNIVERSITY PROGRAM. THIS GUIDE
IS ONE OF SEVERAL DEVELOPED FOR

OREGON'S NEW APPROACH TO SECONDARY
EDUCATION CALLED "THE OREGON WAY."
THE PROGRAM IS BASED ON THE
ASSUMPTIONS THAT SECONDARY SCHOOLS
SHOULD BE PREPARATORY FOR ALL
STUDENTS, AND THAT A PREPARATORY
PROGRAM TIES THE CURRICULUM TO THE
LIVES OF STUDENTS. AS A RESULT OF
ANALYZING 1,023 SEPARATE
OCCUPATIONS, FIVE KEY OCCUPATIONAL
CLUSTERS FOR METALS WERE DERIVED:
(1) FOUNDRY WORKER, (2) SHEET METAL
WORKER, (3) AUTO BODY REPAIRMAN,
(4) WELDER, AND (5) MACHINIST.
FOLLOWING SOME OCCUPATIONAL AND
INSTRUCTIONAL DATA AND CURRICULUM
SUGGESTIONS, COURSE OUTLINES ARE
PROVIDED FOR: (1) HOT METALS, (2)
MACHINE PROCESSES, (3) METAL
FABRICATION, AND (4) COMMUNICATION.
REQUIRED KNOWLEDGE AND SKILLS,
BEHAVIORAL OBJECTIVES, AND
SUGGESTED LEARNING ACTIVITIES ARE
GIVEN FOR EACH UNIT. INFORMATION
DATED TO SAFETY AND MAINTENANCE,
AND A LIST OF RELATED TOOLS,
EQUIPMENT, AND FURNISHINGS ARE
APPENDED. (GEB)

VT 014 766
COURSE OF STUDY FOR DRAFTING.

JOHN DICKINSON HIGH SCHOOL,
WILMINGTON, DEL.
MF AVAILABLE IN VT-ERIC SET.
STANTON SCHOOL DISTRICT, 1800
LIMESTONE ROAD, WILMINGTON,
DELAWARE 19804 (\$2.00)
PUB DATE - ND 33P.

DESCRIPTORS - *CURRICULUM GUIDES;
*DRAFTING; *INDUSTRIAL ARTS;
*GRAPHIC ARTS; SECONDARY GRADES

ABSTRACT - THIS GUIDE FOR A 4-YEAR
HIGH SCHOOL DRAFTING PROGRAM
PROVIDES GENERAL INFORMATION,
PROGRAM AIMS AND OBJECTIVES,
GUIDELINES FOR STUDENT CONDUCT,
TIME ALLOTMENT, AND SUGGESTED
FACILITIES AND EQUIPMENT, FOLLOWED
BY COURSE OUTLINES FOR DRAFTING 1,
2, 3, AND 4. DRAFTING 1 OUTLINES 13
INSTRUCTIONAL UNITS, LARGELY OF AN
EXPLORATORY NATURE AND DEALING WITH
THE FUNDAMENTALS OF DRAFTING. THE
DRAFTING 2 OUTLINE, CONSISTING OF
10 INSTRUCTIONAL UNITS, IS A

CONTINUATION OF THE STUDY OF FUNDAMENTALS OF TECHNICAL DRAWING BUT WITH AN INCREASE IN PROBLEM DIFFICULTY. DRAFTING 3, WITH 7 INSTRUCTIONAL UNITS, IS INTENDED TO PROVIDE THE STUDENT WITH AN OVERALL PICTURE OF SOME OF THE MANY TYPES OF SPECIALIZED DRAFTING. THE UNITS OF INSTRUCTION OF THIS SECTION INCLUDE MULTIVIEW DRAWINGS, DIMENSIONING, SECTIONING, PERSPECTIVES AND DRAWING REPRODUCTIONS. THE FINAL COURSE, WITH FOUR INSTRUCTIONAL UNITS, IS A CONTINUATION OF DRAFTING 3, BUT EMPHASIZES PROBLEMS OF GREATER DIFFICULTY AND ALLOWS THE STUDENT TO EXPLORE IN MORE DETAIL ANY SPECIAL AREAS OF DRAFTING WHICH INTEREST HIM. SOME SAMPLE TESTS AND DRAWINGS ARE INCLUDED. (AW)

VT 014 791

CHRISTENSON, DARWIN; POST, BELVA R. COURSE OF STUDY FOR BUILDING CONSTRUCTION.

EAST HIGH SCHOOL, SALT LAKE CITY, UTAH.

MF AVAILABLE IN VT-ERIC SET. COORDINATOR, CAREER DEVELOPMENT PROGRAM SALT LAKE CITY BOARD OF EDUCATION, 440 EAST FIRST SOUTH, SALT LAKE CITY, UTAH 84111
PUB DATE - JUN70 94P.

DESCRIPTORS - *CURRICULUM GUIDES; TEACHING GUIDES; *TRADE AND INDUSTRIAL EDUCATION; INDUSTRIAL ARTS; *BUILDING TRADES; *CONSTRUCTION INDUSTRY; CONSTRUCTION (PROCESS); ENTRY WORKERS; GRADE 11; GRADE 12; *BEHAVIORAL OBJECTIVES IDENTIFIERS - VOCATIONAL INDUSTRIAL CLUBS OF AMERICA; VICA

ABSTRACT - PREPARED BY A BUILDING CONSTRUCTION INSTRUCTOR AND A SCHOOL VOCATIONAL COORDINATOR AS PART OF A 3-YEAR PROGRAM DESIGNED TO INCREASE THE COMPREHENSIVENESS OF HIGH SCHOOL VOCATIONAL PROGRAMS IN UTAH, THIS COURSE IS INTENDED PRIMARILY FOR 11TH AND 12TH GRADE STUDENTS WHO HAVE PREVIOUSLY COMPLETED COURSES IN INDUSTRIAL ARTS. EACH OF THE 13 UNITS INCLUDES

A RECOMMENDED TIME FOR COVERAGE, A GENERAL CURRICULAR OBJECTIVE, AND SEVERAL MEASURABLE STUDENT BEHAVIORAL (INSTRUCTIONAL) OBJECTIVES, WITH EACH INSTRUCTIONAL OBJECTIVE BROKEN DOWN, IN OUTLINE FORM, TO PROVIDE STUDENT LEARNING ACTIVITIES, LEARNING MATERIALS, TEACHER MANAGEMENT ACTIVITIES, EVALUATIVE PROCEDURES, AND ADDITIONAL ACTIVITIES. TOPICS COVERED INCLUDE: (1) JOB ENTRY REQUIREMENTS AND STATE AND REGIONAL JOB AVAILABILITY, (2) OCCUPATIONAL CHOICE DOCUMENTATION ON APTITUDES AND DESIRES, (3) IDENTIFYING AND READING STRUCTURE BLUEPRINTS, (4) BUILDING CONSTRUCTION REQUIREMENTS, (5) COMPONENT PART LAYOUTS, (6) BUILDING MATERIALS, (7) WORK SAFETY, (8) PROPER USE OF HAND TOOLS AND POWER EQUIPMENT, (9) BASIC ROUGH CONSTRUCTION, (10) BASIC FINISH CONSTRUCTION, (11) ON-THE-JOB AND COOPERATIVE WORK EXPERIENCE, (12) VICA CLUB PARTICIPATION, AND (13) SEQUENCE OF TRAINING AND COURSE REQUIREMENTS FOR JOB ENTRY. SEVERAL CHECK SHEETS AND INSTRUCTIONAL CALENDARS ARE APPENDED. (AW)

VT 014 792

COURSE OF STUDY FOR METAL FABRICATION.

EAST HIGH SCHOOL, SALT LAKE CITY, UTAH.

MF AVAILABLE IN VT-ERIC SET. COORDINATOR, CAREER DEVELOPMENT PROGRAM SALT LAKE CITY BOARD OF EDUCATION, 440 EAST FIRST SOUTH, SALT LAKE CITY, UTAH 84111
PUB DATE - JUN70 81P.

DESCRIPTORS - *CURRICULUM GUIDES; TEACHING GUIDES; INDUSTRIAL ARTS; *VOCATIONAL EDUCATION; *COOPERATIVE EDUCATION; *METAL WORKING OCCUPATIONS; SECONDARY GRADES; METALS; *BEHAVIORAL OBJECTIVES IDENTIFIERS - UTAH

ABSTRACT - THIS COURSE IS PART OF A 3-YEAR COOPERATIVE PILOT PROJECT DESIGNED TO INCREASE THE COMPREHENSIVENESS OF VOCATIONAL TRAINING IN LARGE HIGH SCHOOLS IN

UTAH, AND TO CORRELATE THIS TRAINING WITH GENERAL EDUCATION COURSES SUCH AS ENGLISH, MATHEMATICS, AND SCIENCE. EACH OF THE 18 UNITS INCLUDES A GENERAL CURRICULAR OBJECTIVE AND ONE OR MORE MEASURABLE STUDENT BEHAVIORAL (INSTRUCTIONAL) OBJECTIVES, WITH THE INSTRUCTIONAL OBJECTIVES BROKEN DOWN, IN OUTLINE FORM, TO PROVIDE STUDENT LEARNING ACTIVITIES, LEARNING MATERIALS, TEACHER MANAGEMENT ACTIVITIES, EVALUATIVE PROCEDURES, AND ADDITIONAL ACTIVITIES. TOPICS COVERED INCLUDE: (1) SAFETY, (2) SHEET METAL, (3) WROUGHT IRON, (4) BENCH METAL, (5) OXY-ACETYLENE, (6) BRONZE WELDING, (7) OXY-ACETYLENE CUTTING, (8) SETTING UP ARC WELDING EQUIPMENT, (9) FLAT WELDING, (10) HORIZONTAL WELDING, (11) VERTICAL WELDING, (12) OVERHEAD WELDING, (13) GAS SHIELDED ARC WELDING, (14) JOB ENTRY REQUIREMENTS IN REGION AND STATE, (15) DOCUMENTATION OF OCCUPATIONAL CHOICE, (16) ON-THE-JOB AND COOPERATIVE WORK EXPERIENCE, (17) CLUBS, AND (18) TRAINING SEQUENCE AND COURSE REQUIREMENTS FOR JOB ENTRY. SAMPLE CHECK SHEETS AND AN INSTRUCTIONAL CALENDAR ARE APPENDED. (AW)

VT 014 817 ED 061 429
K-12 CAREER EDUCATION GUIDE.

LAKESHORE TECHNICAL INST.,
SHEBOYGAN, WIS.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
EDRS PRICE MF \$0.65 HC \$16.45.
OEG-0-71-1027(361)
LAKESHORE TECHNICAL INSTITUTE, 3811
MEMORIAL DRIVE, SHEBOYGAN,
WISCONSIN 53081 (\$3.10)
PUB DATE - ND
487P. PROCEEDINGS OF LAKESHORE
TECHNICAL INSTITUTE DISTRICT 11
CAREER EDUCATION SUMMER WORKSHOP
(1ST, SHEBOYGAN, WIS., JULY 12,
1971).

DESCRIPTORS - *CAREER EDUCATION;
VOCATIONAL EDUCATION; ELEMENTARY
GRADES; SECONDARY GRADES;
*CURRICULUM GUIDES; INSTITUTES
(TRAINING PROGRAMS); *MODELS;

*CONCEPTS; CAREER OPPORTUNITIES;
*VOCATIONAL DEVELOPMENT; INTEGRATED
CURRICULUM; KINDERGARTEN
IDENTIFIERS - CAREER DEVELOPMENT;
CAREER AWARENESS

ABSTRACT - DIRECTED TOWARD
REFORMING THE SCOPE OF CAREER
EDUCATION AND INITIATING AWARENESS
AND ENTHUSIASM FOR CONTINUOUS
CAREER EDUCATION OPPORTUNITIES FOR
ALL STUDENTS IN GRADES K-12, THIS
CURRICULUM GUIDE DESCRIBES THE 16
BASIC CAREER CONCEPTS AND 205
GENERAL OBJECTIVES TAKEN FROM THE
WISCONSIN STATE CAREER CURRICULUM
MODEL AND EVALUATED BY TEACHERS AND
COUNSELORS AT THE FIRST LAKESHORE
TECHNICAL INSTITUTE. GROUPED FIRST
BY GRADE LEVEL (K-3, 4-6, 7-9, AND
10-12) AND THEN BY SUBJECT AREA
(COMMUNICATIONS, MATH, SOCIAL
STUDIES, AND VOCATIONAL EDUCATION),
BOTH GRADE LEVEL AND SUBJECT MATTER
RATIONALES ARE DIVIDED INTO
SEPARATE CONCEPTUAL PATTERNS TO BE
INTRODUCED, DEVELOPED, AND
EMPHASIZED. BEHAVIORAL OBJECTIVES,
CLASSROOM ACTIVITIES, LISTS OF
RESOURCES FOR ACTIVITIES,
EVALUATION PROCEDURES, AND
SUGGESTED CURRICULUM
CONSIDERATIONS, WHICH WERE
DEVELOPED BY INSTITUTE
PARTICIPANTS, ACCOMPANY EACH
CONCEPT. MODELS ILLUSTRATING THE
SCOPE AND SEQUENCE OF THE 16 BASIC
CAREER DEVELOPMENT CONCEPTS THROUGH
GRADES K-12, THE THREE COMPONENTS
OF CAREER DEVELOPMENT (SELF, WORK
WORLD, AND CAREER PLANNING), AND
VERTICAL AND HORIZONTAL EXPANSION
OF THE CONCEPTS ARE INCLUDED.
(AG/SB)

VT 014 824
KAGY, FREDERICK D.
GRAPHIC ARTS.

ILLINOIS STATE UNIV., NORMAL.
ILLINOIS STATE OFFICE OF THE
SUPERINTENDENT OF PUBLIC
INSTRUCTION, SPRINGFIELD
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 123P.

DESCRIPTORS - *WORKBOOKS;
*INDUSTRIAL ARTS; INSTRUCTIONAL

MATERIALS; *INDUSTRIAL ARTS
TEACHERS; RESOURCE MATERIALS;
*GRAPHIC ARTS; PRINTING;
PHOTOGRAPHY

ABSTRACT - THIS WORKBOOK WAS PREPARED TO AID INDUSTRIAL ARTS TEACHERS IN PLANNING AND PRESENTING COURSES IN GRAPHIC ARTS BY ACQUAINTING THEM WITH A NUMBER OF DIFFERENT ASPECTS OF THE GRAPHIC COMMUNICATIONS INDUSTRY. CONTENTS CONSIST OF THREE UNITS COVERING: (1) BINDING, (2) GRAPHIC ARTS CRAFTS, INCLUDING HAND LITHOGRAPHY, HAND INTAGLIO, AND HAND PAPER MAKING, AND (3) OFFSET LITHOGRAPHY, INCLUDING COPY PREPARATIONS, LINE AND HALFTONE PHOTOGRAPHY, NEGATIVE ASSEMBLY, PLATE MAKING, PRESSWORK AND FOLDING. A SELECTED BIBLIOGRAPHY AND A LIST OF GRAPHIC ARTS ORGANIZATIONS ARE ALSO PROVIDED. THE WORKBOOK IS ILLUSTRATED WITH NUMEROUS PHOTOGRAPHS, DRAWINGS, FIGURES, AND DIAGRAMS. (AW)

VT 014 843

INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.

LOUISIANA STATE DEPT. OF EDUCATION,
BATON ROUGE.

MF AVAILABLE IN VT-ERIC SET.

BULL-1197

LOUISIANA STATE DEPARTMENT OF
EDUCATION, DIVISION OF INDUSTRIAL
ARTS, P.O. BOX 44064, BATON ROUGE,
LA. 70804

PUB DATE - 71 105P.

DESCRIPTORS - *INDUSTRIAL ARTS;
EDUCATIONAL PLANNING; *EDUCATIONAL
POLICY; *CURRICULUM DESIGN;
TEACHING TECHNIQUES; PROGRAM
ADMINISTRATION; ELEMENTARY GRADES;
SECONDARY GRADES; POST SECONDARY
EDUCATION; EDUCATIONAL FINANCE;
EDUCATIONAL FACILITIES; EDUCATIONAL
EQUIPMENT; LABORATORIES;
*ADMINISTRATOR GUIDES; *PROGRAM
GUIDES

IDENTIFIERS - LOUISIANA

ABSTRACT - PREPARED BY THE
VOCATIONAL EDUCATION DIVISION OF
THE LOUISIANA STATE DEPARTMENT OF

PUBLIC INSTRUCTION, THIS ADMINISTRATOR'S GUIDE PRESENTS MATERIALS ON POLICIES, PROCEDURES, AND INSTRUCTIONAL TECHNIQUES THAT ARE APPLICABLE IN INDUSTRIAL ARTS. THE NEED FOR AN EARLY ORIENTATION TO THE WORLD OF WORK IS EMPHASIZED IN THE PHILOSOPHY OF INDUSTRIAL ARTS AND ITS OBJECTIVES ON ALL LEVELS OF EDUCATION. THE CONTENT, OBJECTIVES, AND PLACEMENT OF INDUSTRIAL ARTS ARE ORGANIZED FOR ITS ADMINISTRATION INTO THREE OPERATIONAL LEVELS, ELEMENTARY, JUNIOR, AND SENIOR HIGH SCHOOLS WITH SUGGESTED TIME ALLOTMENTS, TYPE OF TRAINING, AND PROGRAMS GIVEN FOR EACH LEVEL. ORGANIZATION AND ADMINISTRATION OF THE INDUSTRIAL ARTS LABORATORY AND SUGGESTED METHODS OF TEACHING ARE PROVIDED. THE AVAILABILITY OF FEDERAL FUNDS WHICH PERTAIN TO INDUSTRIAL ARTS AND MATERIALS FOR PROMOTING THE PROFESSIONAL POSITION OF INDUSTRIAL ARTS TEACHERS AND ADMINISTRATORS, INCLUDING LEGAL RESPONSIBILITIES AND PROFESSIONAL ORGANIZATIONS, ARE DISCUSSED. SOURCES OF FREE AND INEXPENSIVE TEACHING AIDS, FILMS AND FILMSTRIPS AND BIBLIOGRAPHIES ARE LISTED, COURSE CONTENT OUTLINES AND STEPS FOR PLANNING A LABORATORY ALONG WITH SUGGESTED FLOOR PLANS DESCRIBING THE LOCATION, SIZES AND SHAPES, AND SPACE ALLOCATIONS WITHIN THE INDUSTRIAL ARTS LABORATORY ARE PROVIDED. (MU)

VT 014 844

BEASLEY, GARY F. (COMP)
BIBLIOGRAPHY OF INSTRUCTIONAL
MATERIALS OF EXEMPLARY PROJECTS ON
CAREER EDUCATION.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - MAR72 318P. PREPARED
FOR THE USOE "COORDINATING
CONFERENCE OF STATE-LEVEL AND
LOCAL-LEVEL DIRECTORS OF VOCATIONAL
EXEMPLARY PROJECTS" DEC 1971

DESCRIPTORS - *CAREER EDUCATION;
*BIBLIOGRAPHIES; *INSTRUCTIONAL
MATERIALS; *DEVELOPMENTAL PROGRAMS;
ELEMENTARY GRADES; SECONDARY
GRADES; VOCATIONAL EDUCATION

ABSTRACT - THIS COMPILATION CONTAINS MATERIALS PREPARED BY STATE AND LOCAL DIRECTORS OF 20 VOCATIONAL EXEMPLARY PROJECTS AND REPRESENTS CURRICULUM AND INSTRUCTIONAL MATERIALS BEING USED IN THE EXEMPLARY PROJECTS. BRIEF DESCRIPTIONS OF LOCALLY AND COMMERCIALY-PRODUCED MATERIALS ON A NUMBER OF CAREER EDUCATION TOPICS FOR VARIOUS GRADE LEVELS ARE INCLUDED. (SB)

VT 014 850

AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 251P.

DESCRIPTORS - *DRAFTING;
*INDUSTRIAL ARTS; *CURRICULUM GUIDES; INSTRUCTIONAL MATERIALS; SECONDARY GRADES; *SHOP CURRICULUM; RURAL SCHOOLS; SMALL SCHOOLS; COURSE DESCRIPTIONS; *VOCATIONAL EDUCATION; DEVELOPMENTAL PROGRAMS; TEACHING GUIDES; AGRICULTURAL ENGINEERING; TRADE AND INDUSTRIAL EDUCATION
IDENTIFIERS - UTAH

ABSTRACT - DEVELOPED THROUGH THE COORDINATED EFFORTS OF SPECIALISTS IN INDUSTRIAL ARTS, VOCATIONAL AGRICULTURE, TRADE AND INDUSTRIAL EDUCATION, AND VOCATIONAL EDUCATION, THIS COURSE IS PART OF AN INTEGRATED SHOP PROGRAM DESIGNED TO IMPROVE THE VOCATIONAL FUTURE FOR STUDENTS IN SMALL RURAL HIGH SCHOOLS. INTENDED TO FOLLOW FOUR BEGINNING COURSES IN THE PROGRAM, THIS ADVANCED DRAFTING AND DESIGN COURSE COVERS TECHNICAL DRAWING, ARCHITECTURAL DRAFTING, AND A THIRD AREA CONSISTING OF A NUMBER OF HIGHLY SPECIALIZED AREAS. THE COURSE IS PLANNED FOR 10 HOURS PER WEEK FOR 2 SCHOOL YEARS. EACH OF

THE INSTRUCTIONAL PACKETS WHICH ARE ENCLOSED CONSISTS OF: (1) TITLE, (2) DIRECTIONS TO THE STUDENT, (3) INTRODUCTION TO THE PARTICULAR UNIT OF WORK INVOLVED, (3) CONCEPT, (4) LIST OF PERFORMANCE OBJECTIVES, (5) ACTIVITIES NEEDED TO ACHIEVE THE OBJECTIVES, (6) LIST OF REFERENCE MATERIALS, AND (7) A TEST ON THE UNIT. A RELATED DOCUMENT, VT 014 851, IS AVAILABLE IN THIS ISSUE AND A PREVIOUSLY PROCESSED DOCUMENT APPEARED IN RIE FOR FEBRUARY 1971 AS ED 043 410. (BH)

VT 014 851

AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 95P.

DESCRIPTORS - TEACHING GUIDES;
*CURRICULUM GUIDES; INSTRUCTIONAL MATERIALS; *BUILDING TRADES; TRADE AND INDUSTRIAL EDUCATION; VOCATIONAL EDUCATION; AGRICULTURAL ENGINEERING; *WOODWORKING; CARPENTERS; *CONSTRUCTION (PROCESS); CONSTRUCTION INDUSTRY; *SHOP CURRICULUM; DEVELOPMENTAL PROGRAMS; RURAL SCHOOLS; SMALL SCHOOLS; SECONDARY GRADES; COURSE DESCRIPTIONS
IDENTIFIERS - UTAH

ABSTRACT - A COORDINATED EFFORT OF SPECIALISTS, COORDINATORS, ADMINISTRATORS AND PROFESSORS OF VARIOUS PHASES OF VOCATIONAL AND TECHNICAL EDUCATION, THIS COURSE IN BUILDING CONSTRUCTION IS ONE OF THE ADVANCED COURSES IN AN EXEMPLARY INTEGRATED SHOP PROGRAM DEVELOPED FOR USE IN UTAH'S SMALL RURAL HIGH SCHOOLS. THE 2-YEAR COURSE INCLUDES 23 UNITS OF INSTRUCTION, WITH THE MAJOR EMPHASIS ON CARPENTRY BUT ALSO PROVIDING INSTRUCTION IN MASONRY, ELECTRICAL WIRING, PLUMBING, AND HEATING AND COOLING.

MOST OF THE UNITS CONSIST OF INSTRUCTIONAL PACKETS, EACH OF WHICH INCLUDE A TITLE, DIRECTIONS TO THE STUDENT, INTRODUCTION TO THE PARTICULAR UNIT OF WORK WITH WHICH THE PACKET DEALS, A CONCEPT, LIST OF PERFORMANCE OBJECTIVES, LIST OF REFERENCE MATERIALS, AND A UNIT TEST. SOME UNITS ALSO PROVIDE INFORMATION SHEETS, ASSIGNMENT SHEETS, OR EXPERIMENT SHEETS. THE INSTRUCTIONAL PACKETS ARE DESIGNED PRIMARILY FOR USE BY INDIVIDUAL STUDENTS, BUT MAY BE USED WITH THE CLASS AS A WHOLE AT THE TEACHER'S DISCRETION. THE GUIDE ALSO PROVIDES A COURSE OUTLINE, SUGGESTED TIME SCHEDULE AND SEQUENCE OF UNITS, ORIENTATION TO BUILDING TRADES, REFERENCE MATERIAL, KEYS TO UNIT TESTS, AND AN ACHIEVEMENT TEST AND KEY-RELATED DOCUMENTS ARE VT 014 850, AVAILABLE IN THIS ISSUE, AND ED 043 410 (FEBRUARY, 1971 RIE). (AW)

VT 014 872 ED 059 407
MICROFICHE COLLECTION OF
CLEARINGHOUSE DOCUMENTS REPORTED IN
ABSTRACTS OF INSTRUCTIONAL
MATERIALS IN VOCATIONAL AND
TECHNICAL EDUCATION (AIM), VOLUME
5, NUMBER 1.

OHIO STATE UNIV., COLUMBUS. CENTER
FOR VOCATIONAL AND TECHNICAL
EDUCATION.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
EDRS PRICE MF-\$67.76 HC NOT
AVAILABLE FROM EDRS.
PUB DATE - 72 21535

DESCRIPTORS - *INSTRUCTIONAL
MATERIALS; *VOCATIONAL EDUCATION;
*TECHNICAL EDUCATION; BUSINESS
EDUCATION; AGRICULTURAL EDUCATION;
DISTRIBUTIVE EDUCATION; HEALTH
OCCUPATIONS EDUCATION; HOME
ECONOMICS EDUCATION; INDUSTRIAL
ARTS; TRADE AND INDUSTRIAL
EDUCATION; INDEXES (LOCATORS);
CLEARINGHOUSES; *MICROFICHE;
DOCUMENTATION; INFORMATION STORAGE;
INFORMATION RETRIEVAL

ABSTRACT - DOCUMENTS ANNOUNCED WITH
VT NUMBERS ONLY IN VOLUME 5, NUMBER

1 (VT 014 871) OF "ABSTRACTS OF
INSTRUCTIONAL MATERIALS IN
VOCATIONAL AND TECHNICAL EDUCATION"
(AIM) ARE INCLUDED IN THIS
MICROFICHE SET. THE MICROFICHE SET
IS ARRANGED IN THE FOLLOWING
SEQUENCE: (1) A VOCATIONAL
TECHNICAL (VT) NUMBER INDEX TO
DOCUMENTS IN THE MICROFICHE
COLLECTION, (2) THE SUBJECT AND
AUTHOR INDEXES FROM AIM, AND (3)
THE FULL TEXT OF DOCUMENTS LISTED
IN THE VT NUMBER INDEX. THE TEXTS
ARE FILMED CONTINUOUSLY IN VT
NUMBER SEQUENCE. (CD)

VT 014 892 ED 060 218
BEHAVIORAL OBJECTIVES TRAINING
PACKAGE.

EVALUATION SERVICE CENTER FOR
OCCUPATIONAL EDUCATION, AMHERST,
MASS.; NEW YORK STATE EDUCATION
DEPT., ALBANY.; MASSACHUSETTS STATE
BOARD OF EDUCATION, BOSTON.
EDRS PRICE MF-\$0.65 HC-\$6.58.
PUB DATE - NOV71 128P.

DESCRIPTORS - *BEHAVIORAL
OBJECTIVES; EDUCATIONAL OBJECTIVES;
*VOCATIONAL EDUCATION; *FEEDBACK;
*EVALUATION TECHNIQUES; *MANUALS;
CURRICULUM EVALUATION; CURRICULUM
DEVELOPMENT; TRANSPARENCIES
IDENTIFIERS - *EVALUATION SERVICE
CENTER FOR OCCUPATIONAL EDUCATION;
ESCOE

ABSTRACT - INTENDED FOR EDUCATORS
INTERESTED IN AND COMMITTED TO AN
INFORMATION FEEDBACK/EVALUATION
SYSTEM, THIS 3-PART TRAINING
PACKAGE CONTAINS INFORMATION
PERTAINING TO THE EVALUATION
SERVICE CENTER FOR OCCUPATIONAL
EDUCATION (ESCOE) AND WHAT IT HAS
TO OFFER BY WAY OF BEHAVIORAL
OBJECTIVES, CURRICULUM IMPROVEMENT,
AND FEEDBACK SERVICES. PART 1
CONTAINS BACKGROUND INFORMATION AND
EXERCISES FOR LEARNING HOW TO WRITE
AND USE BEHAVIORAL OBJECTIVES. PART
2 OFFERS AN OVERVIEW OF THE
SERVICES PROVIDED BY THE ESCOE,
INCLUDING EXAMPLES OF OBJECTIVES
RECEIVED AND PROCESSED BY ESCOE AND
FEEDBACK VIA COMPUTER PRINT-OUTS TO
PARTICIPATING LOCAL EDUCATIONAL

AGENCIES. PART 3 CONTAINS USEFUL STRATEGIES, SUGGESTIONS, AND TRAINING TECHNIQUES INTENDED TO HELP THOSE WHO ARE INTERESTED IN LEARNING HOW TO WRITE AND USE BEHAVIORAL OBJECTIVES IN THEIR INSTRUCTION AS WELL AS THOSE WHO PLAN TO TRAIN OTHERS IN THE FIELD. (SB)

VT 014 904
INDUSTRIAL ARTS--AN INTRODUCTION TO LAPIDARY.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.
MF AVAILABLE IN VT-ERIC SET.
OKLAHOMA CITY PUBLIC SCHOOLS,
INSTRUCTIONAL MEDIA DEPARTMENT,
ROOM 400-900 N. KLEIN, OKLAHOMA
CITY, OKLAHOMA 73106 (\$.80 PLUS
POSTAGE)
PUB DATE - 69 45P.

DESCRIPTORS - *CURRICULUM GUIDES;
*INDUSTRIAL ARTS; *HANDICRAFTS
IDENTIFIERS - *LAPIDARY; JEWELRY
MAKING; UTAH

ABSTRACT - UNDER THE LEADERSHIP OF A STATE SPECIALIST FOR INDUSTRIAL ARTS EDUCATION, THE MATERIAL IN THIS GUIDE HAS BEEN DEVELOPED TO BROADEN THE INDUSTRIAL ARTS CRAFTS PROGRAM IN UTAH, AND TO PROVIDE INSTRUCTORS WITH A BASIC KNOWLEDGE OF TOOLS, MATERIALS, AND PROCESSES USED IN THE LAPIDARY INDUSTRY. THE COURSE OUTLINED IS INTENDED FOR ALL AGE LEVELS, AND IS DESIGNED TO GIVE STUDENTS AN OPPORTUNITY TO RECOGNIZE GEMS AND MINERALS, MASTER THE BASIC SKILLS IN THE USE OF LAPIDARY EQUIPMENT, AND GAIN A DEGREE OF PROFICIENCY IN PRODUCING ATTRACTIVE JEWELRY. THE DIVISIONS OF THE COURSE ARE: (1) SAFETY, (2) LAPIDARY OPERATIONS, INCLUDING SAWING, GRINDING, DOPPING, SANDING, AND POLISHING, AND (3) TUMBLED STONE, INCLUDING TUMBLING OPERATIONS AND CONSIDERATIONS IN TUMBLING ROCKS. INFORMATION ON THE DIFFERENT GEM CUTS, A CATALOG OF MINERALS AND POLISHING HINTS, A LIST OF GEMS AND MINERALS FOUND IN UTAH, CONSUMER VALUES, A COLOR CHART, SUGGESTED EQUIPMENT,

AUDIOVISUAL AIDS, RELATED ACTIVITIES, A GLOSSARY OF TERMS, AND A BIBLIOGRAPHY ARE ALSO INCLUDED. (AW)

VT 014 921
CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.

SOUTH CAROLINA REGION 5 EDUCATIONAL SERVICES CENTER, LANCASTER.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 288P.

DESCRIPTORS - *CAREER EDUCATION;
CAREER PLANNING; *ELEMENTARY
GRADES; *CURRICULUM GUIDES;
*OCCUPATIONS; OCCUPATIONAL
INFORMATION; *COURSE CONTENT;
BIBLIOGRAPHIES
IDENTIFIERS - OCCUPATIONAL
EXPLORATION; *CAREER ORIENTATION;
CAREER AWARENESS

ABSTRACT - THIS PUBLICATION CONTAINS 14 COURSE OUTLINES DEVELOPED FOR A CAREER ORIENTATION PROJECT IN SOUTH CAROLINA AND DESIGNED TO INTRODUCE CHILDREN IN GRADES 1-8 TO A NUMBER OF OCCUPATIONS. TOPICS ARE: (1) COMMUNITY HELPERS, GRADE 1, (2) THE CIRCUS, GRADE 1, (3) TRAINS, GRADE 2, (4) THE AIRPORT, GRADE 2, (5) CERAMICS, GRADE 3, (6) FOOD SERVICE, GRADE 3, (7) HOUSEBUILDING, GRADE 3, (8) CAREERS IN TELEVISION, GRADES 3-5, (9) CONSERVATION, GRADE 3, (10) FOOD PRODUCTION, GRADE 4, (11) CONSUMER AND HOMEMAKING, GRADE 4, (12) RESIDENTIAL CONSTRUCTION, GRADE 5, (13) HEALTH CAREERS, GRADE 6-8, AND (14) FISH AND FISHERIES, GRADE 7. OBJECTIVES, CONCEPTS, SUBJECT MATTER OUTLINES, STUDY SUGGESTIONS, AND BIBLIOGRAPHIES ARE INCLUDED FOR EACH TOPIC. (SB)

VT 014 935
HULLIN, LEROY T.
EXPLORATORY DRAFTING--AUTO
MECHANICS.

RUTGERS, THE STATE UNIV., NEW
BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF
EDUCATION, TRENTON. DIV. OF

VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM
LAB., RUTGERS UNIV., 4103 BUILDING,
KILMER CAMPUS, NEW BRUNSWICK, NEW
JERSEY 08903 (\$1.75)
PUB DATE - JUL70 91P.

DESCRIPTORS - *STUDY GUIDES;
*INDUSTRIAL ARTS; VOCATIONAL
EDUCATION; *DRAFTING; GRADE 9;
*AUTO MECHANICS; AUTO MECHANICS
(OCCUPATION); *MECHANICS (PROCESS);
POWER MECHANICS

ABSTRACT - DESIGNED BY SUBJECT
MATTER SPECIALISTS AND DRAFTING
INSTRUCTORS AS PART OF AN
EXPLORATORY VOCATIONAL HIGH SCHOOL
PROGRAM, THIS GUIDE IS INTENDED TO
INTRODUCE DRAFTING TO NINTH-GRADE
STUDENTS PLANNING TO SPECIALIZE IN
THE SHOP AREA OF AUTO MECHANICS.
CONTENTS INCLUDE THREE UNITS,
COVERING: (1) USE OF BASIC DRAFTING
TOOLS, WITH FOUR LESSONS, (2) BASIC
BLUEPRINT READING, WITH FOUR
LESSONS, AND (3) DRAFTING FOR THE
AUTO MECHANIC STUDENT, WITH FOUR
LESSONS. EACH LESSON PROVIDES
OBJECTIVES, RELATED INFORMATION,
AND STEP-BY-STEP PROCEDURES FOR
ACCOMPLISHING A BASIC DRAFTING
PROJECT. THE GUIDE IS ILLUSTRATED
WITH NUMEROUS DRAWINGS, DIAGRAMS,
AND FIGURES. THE COURSE INSTRUCTOR
SHOULD HAVE DRAFTING
SPECIALIZATION. (AW)

VT 014 936
HULLIN, LEROY T.
EXPLORATORY DRAFTING--MASONRY.

RUTGERS, THE STATE UNIV., NEW
BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF
EDUCATION, TRENTON. DIV. OF
VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM
LAB., RUTGERS UNIV., 4103 BUILDING,
KILMER CAMPUS, NEW BRUNSWICK, NEW
JERSEY 08903 (\$1.75)
PUB DATE - JUL71 105P.

DESCRIPTORS - *STUDY GUIDES;
*INDUSTRIAL ARTS; *DRAFTING;
BLUEPRINTS; GRADE 9; *VOCATIONAL

EDUCATION; *MASONRY

ABSTRACT - DESIGNED BY SUBJECT
MATTER SPECIALISTS AND DRAFTING
INSTRUCTORS AS PART OF AN
EXPLORATORY VOCATIONAL HIGH SCHOOL
PROGRAM, THIS GUIDE IS INTENDED TO
INTRODUCE DRAFTING TO NINTH-GRADE
STUDENTS PLANNING TO SPECIALIZE IN
THE SHOP AREA OF MASONRY. CONTENTS
INCLUDE THREE UNITS, COVERING: (1)
USE OF BASIC DRAFTING TOOLS, WITH
FOUR LESSONS, (2) BASIC BLUEPRINT
READING, WITH FOUR LESSONS, AND (3)
DRAFTING FOR THE MASONRY STUDENT,
WITH FIVE LESSONS. EACH LESSON
PROVIDES OBJECTIVES, RELATED
INFORMATION, AND STEP-BY-STEP
PROCEDURES FOR ACCOMPLISHING A
BASIC DRAFTING PROJECT. THE GUIDE
IS ILLUSTRATED WITH NUMEROUS
DRAWINGS, DIAGRAMS, AND FIGURES.
THE COURSE INSTRUCTOR SHOULD HAVE
DRAFTING SPECIALIZATION. (AW)

VT 014 937
HULLIN, LEROY T.
EXPLORATORY DRAFTING--SHEET METAL.

RUTGERS, THE STATE UNIV., NEW
BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF
EDUCATION, TRENTON. DIV. OF
VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM
LAB., RUTGERS UNIV., 4103 BUILDING,
KILMER CAMPUS, NEW BRUNSWICK, NEW
JERSEY 08903 (\$1.75)
PUB DATE - MAR71 95P.

DESCRIPTORS - *STUDY GUIDES;
*INDUSTRIAL ARTS; *VOCATIONAL
EDUCATION; *DRAFTING; *SHEET METAL
WORKERS; GRADE 9; SHEET METAL WORK;
METAL WORKING OCCUPATIONS

ABSTRACT - DESIGNED BY SUBJECT
MATTER SPECIALISTS AND DRAFTING
INSTRUCTORS AS PART OF AN
EXPLORATORY VOCATIONAL HIGH SCHOOL
PROGRAM, THIS GUIDE IS INTENDED TO
INTRODUCE DRAFTING TO NINTH-GRADE
STUDENTS PLANNING TO SPECIALIZE IN
THE SHOP AREA OF SHEET METAL.
CONTENTS INCLUDE THREE UNITS,
COVERING: (1) USE OF BASIC DRAFTING
TOOLS, WITH FOUR LESSONS, (2) BASIC

BLUEPRINT READING, WITH FOUR LESSONS, AND (3) BASIC SHEET METAL DRAFTING, WITH FIVE LESSONS. EACH LESSON PROVIDES OBJECTIVES, RELATED INFORMATION, AND STEP-BY-STEP PROCEDURES FOR ACCOMPLISHING A BASIC DRAFTING PROJECT. THE GUIDE IS ILLUSTRATED WITH NUMEROUS DRAWINGS, DIAGRAMS, AND FIGURES. THE COURSE INSTRUCTOR SHOULD HAVE DRAFTING SPECIALIZATION. (AW)

VT 014 938

HULLIN, LEROY T.
EXPLORATORY DRAFTING--MACHINE SHOP.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB. NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LAB., RUTGERS UNIV., 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 (\$1.75)
PUB DATE - JUL71 91P.

DESCRIPTORS - *STUDY GUIDES; *INDUSTRIAL ARTS; VOCATIONAL EDUCATION; *DRAFTING; GRADE 9; *MACHINISTS; *MACHINE TOOL OPERATORS; MECHANICS (PROCESS); METAL WORKING OCCUPATIONS

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS AND DRAFTING INSTRUCTORS AS PART OF AN EXPLORATORY VOCATIONAL HIGH SCHOOL PROGRAM, THIS GUIDE IS INTENDED TO INTRODUCE DRAFTING TO NINTH-GRADE STUDENTS PLANNING TO SPECIALIZE IN THE AREA OF MACHINE SHOP. CONTENTS INCLUDE THREE UNITS, COVERING: (1) USE OF BASIC DRAFTING TOOLS, WITH FOUR LESSONS, (2) BASIC BLUEPRINT READING, WITH FOUR LESSONS, AND (3) DRAFTING FOR THE MACHINE SHOP STUDENT, WITH FIVE LESSONS. EACH LESSON PROVIDES OBJECTIVES, RELATED INFORMATION, AND STEP-BY-STEP PROCEDURES FOR ACCOMPLISHING A BASIC DRAFTING PROJECT. THE GUIDE IS ILLUSTRATED WITH NUMEROUS DRAWINGS, DIAGRAMS, AND FIGURES. THE COURSE INSTRUCTOR SHOULD HAVE DRAFTING SPECIALIZATION. (AW)

VT 014 940

HULLIN, LEROY T.
EXPLORATORY DRAFTING--PRINTING.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB. NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS UNIVERSITY, 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 (\$1.75)
PUB DATE - JUL71 94P.

DESCRIPTORS - *INDUSTRIAL ARTS; BLUEPRINTS; *PRINTING; *LABORATORY MANUALS; GRADE 9; TECHNICAL ILLUSTRATION; SCHOOL SHOPS; VOCATIONAL EDUCATION

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS AND DRAFTING INSTRUCTORS, THIS PUBLICATION IS INTENDED FOR USE AT THE NINTH GRADE LEVEL TO INTRODUCE BEGINNING VOCATIONAL STUDENTS TO DRAFTING. UNITS ARE: (1) HOW TO USE BASIC DRAFTING TOOLS, WITH LESSONS ON THE DRAFTING PENCIL, PAPER, T-SQUARE, TRIANGLE, TRIANGULAR SCALE, AND COMPASS, (2) BASIC BLUEPRINT READING, WITH LESSONS ON WEIGHTS OF LINES, DRAWING PLACEMENT, AND DIMENSIONS, AND (3) DRAFTING FOR THE PRINT SHOP STUDENT, WITH LESSONS ON LETTERING STYLES, PROFESSIONAL CARDS, LETTERHEAD DESIGN, CENTER OF BALANCE, PAPER SIZE, AND BORDER DESIGN. ARRANGED IN A STEP-BY-STEP FORMAT EACH ILLUSTRATED LESSON CONTAINS AN OBJECTIVE, RELATED INFORMATION, AND STEPS TO ACHIEVE THE OBJECTIVE. (SB)

VT 014 941

HULLIN, LEROY T.
EXPLORATORY DRAFTING:--HORTICULTURE.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB. NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM

LABORATORY, RUTGERS UNIVERSITY,
4103 BUILDING, KILMER CAMPUS, NEW
BRUNSWICK, NEW JERSEY 08903 (\$1.75)
PUB DATE - JUL71 110P.

DESCRIPTORS - *STUDY GUIDES;
*INDUSTRIAL ARTS; *DRAFTING;
*HORTICULTURE; *LANDSCAPING; GRADE
9; VOCATIONAL EDUCATION

ABSTRACT - DESIGNED BY SUBJECT
MATTER SPECIALISTS AND DRAFTING
INSTRUCTORS AS PART OF AN
EXPLORATORY VOCATIONAL HIGH SCHOOL
PROGRAM, THIS GUIDE IS INTENDED TO
INTRODUCE DRAFTING TO NINTH-GRADE
STUDENTS PLANNING TO SPECIALIZE IN
THE AREA OF HORTICULTURE. CONTENTS
INCLUDE THREE UNITS, COVERING: (1)
USE OF BASIC DRAFTING TOOLS, WITH
FOUR LESSONS, (2) BASIC BLUEPRINT
READING, WITH FOUR LESSONS, AND (3)
DRAFTING FOR THE HORTICULTURE
STUDENT, WITH FIVE LESSONS. EACH
LESSON PROVIDES OBJECTIVES, RELATED
INFORMATION, AND STEP-BY-STEP
PROCEDURES FOR ACCOMPLISHING A
BASIC DRAFTING PROJECT. THE GUIDE
IS ILLUSTRATED WITH NUMEROUS
DRAWINGS, DIAGRAMS, AND FIGURES.
THE COURSE INSTRUCTOR SHOULD HAVE
DRAFTING SPECIALIZATION. (AW) |

VT 014 942
HULLIN, LEROY T.
EXPLORATORY DRAFTING--COMMERCIAL
ART.

RUTGERS, THE STATE UNIV., NEW
BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF
EDUCATION, TRENTON. DIV. OF
VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM
LABORATORY, RUTGERS UNIVERSITY,
4103 BUILDING, KILMER CAMPUS, NEW
BRUNSWICK, NEW JERSEY 08903 (\$1.75)
PUB DATE - JUL71 103P.

DESCRIPTORS - *DRAFTING;
*INDUSTRIAL ARTS; BLUEPRINTS;
*LABORATORY MANUALS; *COMMERCIAL
ART; TECHNICAL ILLUSTRATION; SCHOOL
SHOPS; GRADE 9

ABSTRACT - DESIGNED BY SUBJECT
MATTER SPECIALISTS, THIS

PUBLICATION IS INTENDED FOR USE AT
THE NINTH GRADE LEVEL TO INTRODUCE
BEGINNING VOCATIONAL STUDENTS TO
DRAFTING FOR COMMERCIAL ARTS. UNITS
ARE: (1) HOW TO USE BASIC DRAFTING
TOOLS, WITH LESSONS ON THE DRAFTING
PENCIL, PAPER, T-SQUARE, TRIANGLE,
TRIANGULAR SCALE, AND COMPASS, (2)
BASIC BLUEPRINT READING, WITH
LESSONS ON WEIGHTS OF LINES,
DRAWING PLACEMENT, AND DIMENSIONS,
AND (3) DRAFTING FOR COMMERCIAL
ART, WITH LESSONS ON ORTHOGRAPHIC
AND ISOMETRIC DRAWING, FREEHAND
SKETCHING, SHADING, AND SECTIONAL
VIEW. ARRANGED IN A STEP-BY-STEP
FORMAT, EACH ILLUSTRATED LESSON
CONTAINS AN OBJECTIVE, RELATED
INFORMATION, AND STEPS TO ACHIEVE
THE OBJECTIVE. (SB)

VT 014 943
HULLIN, LEROY T.
EXPLORATORY DRAFTING--ELECTRONICS.

RUTGERS, THE STATE UNIV., NEW
BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF
EDUCATION, TRENTON. DIV. OF
VOCATIONAL EDUCATION
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM
LABORATORY, RUTGERS UNIVERSITY,
4103 BUILDING, KILMER CAMPUS, NEW
BRUNSWICK, NEW JERSEY 08903 (\$1.75)
PUB DATE - JUL71 92P.

DESCRIPTORS - *DRAFTING;
*ELECTRONICS; *INDUSTRIAL ARTS;
SCHOOL SHOPS; *LABORATORY MANUALS;
BLUEPRINTS; TECHNICAL ILLUSTRATION;
GRADE 9; VOCATIONAL EDUCATION

ABSTRACT - DESIGNED BY SUBJECT
MATTER SPFCIALIST, THIS MANUAL IS
INTENDED FOR USE AT THE NINTH GRADE
LEVEL TO INTRODUCE BEGINNING
VOCATIONAL STUDENTS TO ELECTRONIC
DRAFTING. UNITS ARE: (1) HOW TO USE
BASIC DRAFTING TOOLS, WITH LESSONS
ON THE DRAFTING PENCIL, PAPER, T-
SQUARE, TRIANGLE, TRIANGULAR SCALE,
AND COMPASS, (2) BASIC BLUEPRINT
READING, WITH LESSONS ON WEIGHTS,
DRAWING PLACEMENT, AND DIMENSIONS,
AND (3) ELECTRONIC DRAFTING, WITH
LESSONS ON ELECTRONIC SYMBOLS,
SERIES AND PARALLEL CIRCUIT, BLACK

AND SCHEMATIC DIAGRAM, AND BASIC PRINTED CIRCUITS. ARRANGED IN A STEP-BY-STEP FORMAT, EACH ILLUSTRATED LESSON CONTAINS AN OBJECTIVE, RELATED INFORMATION, AND STEPS REQUIRED TO ACHIEVE THE OBJECTIVE. (SB)

VT 014 944

HULLIN, LEROY T.
EXPLORATORY DRAFTING--CARPENTRY.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB. NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION MF AVAILABLE IN VT-ERIC SET. VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS UNIVERSITY, 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 (\$1.75) PUB DATE - JUL71 93P.

DESCRIPTORS - *DRAFTING; *CARPENTERS; *INDUSTRIAL ARTS; SCHOOL SHOPS; GRADE 9; *LABORATORY MANUALS; BLUEPRINTS; TECHNICAL ILLUSTRATION; VOCATIONAL EDUCATION

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS, THIS MANUAL IS INTENDED FOR USE AT THE NINTH GRADE LEVEL TO INTRODUCE BEGINNING VOCATIONAL STUDENTS TO CARPENTRY DRAFTING. UNITS ARE: (1) HOW TO USE BASIC DRAFTING TOOLS, WITH LESSONS ON THE DRAFTING PENCIL, PAPER, T-SQUARE, TRIANGLE, TRIANGULAR SCALE, AND COMPASS, (2) BASIC BLUEPRINT READING, WITH LESSONS ON WEIGHTS OF LINES, DRAWING PLACEMENT, AND DIMENSIONS, AND (3) CARPENTRY DRAFTING, WITH LESSONS ON TRIANGULAR SCALE, ELEVATION AND PLAN VIEWS, STRUCTURAL MEMBERS, STYLES OF ROOFS, AND ROOF PITCH. ARRANGED IN A STEP-BY-STEP FORMAT, EACH ILLUSTRATED UNIT CONTAINS AN OBJECTIVE, RELATED INFORMATION, AND STEPS TO ACCOMPLISH THE OBJECTIVE. (SB)

VT 014 945

HULLIN, LEROY T.
EXPLORATORY DRAFTING--AUTO BODY REPAIR.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB. NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION MF AVAILABLE IN VT-ERIC SET. VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS UNIVERSITY, 4103 BUILDING, KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903 (\$1.75) PUB DATE - JUL71 94P.

DESCRIPTORS - *DRAFTING; *AUTO BODY REPAIRMAN; *INDUSTRIAL ARTS; SCHOOL SHOPS; *LABORATORY MANUALS; BLUEPRINTS; TECHNICAL ILLUSTRATION

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS, THIS MANUAL IS INTENDED FOR USE AT THE NINTH GRADE LEVEL TO INTRODUCE BEGINNING VOCATIONAL STUDENTS TO DRAFTING FOR AUTO BODY REPAIR. UNITS ARE: (1) HOW TO USE BASIC DRAFTING TOOLS, WITH LESSONS ON THE DRAFTING PENCIL, PAPER, T-SQUARE, TRIANGLE, TRIANGULAR SCALE, AND COMPASS, (2) BASIC BLUEPRINT READING, WITH LESSONS ON WEIGHTS OF LINES, DRAWING PLACEMENT, AND DIMENSIONS, AND (3) DRAFTING FOR AUTO BODY REPAIRMAN, WITH UNITS ON WELDED JOINTS, FRENCH CURVES, BODY PANEL, AND SPRAY PAINTING. ARRANGED IN A STEP-BY-STEP FORMAT, EACH ILLUSTRATED LESSON CONTAINS AN OBJECTIVE, RELATED INFORMATION, AND STEPS TO ACCOMPLISH THE OBJECTIVE. (SB)

VT 014 984

ED 061 444

ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.

LOUISIANA STATE DEPT. OF EDUCATION, BATON ROUGE. DIV. OF VOCATIONAL EDUCATION. EDRS PRICE MF-\$0.65 HC-\$3.29. BULL-1207 PUB DATE - 72 77P.

DESCRIPTORS - *RESOURCE GUIDES; PROGRAM GUIDES; *ELEMENTARY EDUCATION; TEACHING TECHNIQUES; RESOURCE MATERIALS; *CAREFR EDUCATION; *INDUSTRIAL ARTS;

*CURRICULUM DEVELOPMENT; LEARNING ACTIVITIES; BIBLIOGRAPHIES; EDUCATIONAL PHILOSOPHY IDENTIFIERS - WORLD OF WORK

ABSTRACT - PREPARED BY THE VOCATIONAL EDUCATION DIVISION OF A STATE DEPARTMENT OF EDUCATION AND COMPILED BY INDUSTRIAL ARTS EDUCATORS, THIS RESOURCE GUIDE PROVIDES A CONCEPTUAL BASIS FOR THE ELEMENTARY TEACHER USING INDUSTRIAL ARTS AS A MEANS OF INTRODUCING CHILDREN TO INDUSTRIAL PROCESSES AND ORIENTING THEM TO THE PHYSICAL AND MATERIAL WORLD. INCLUDED IN THE GUIDE ARE MANIPULATIVE ACTIVITIES AND EXPERIENCES THAT WILL HELP TO BROADEN THE CHILD'S KNOWLEDGE ABOUT THE INTERDEPENDENCE OF PEOPLE AND THE WORLD OF WORK AS IT INVOLVES THEM AND THEIR FAMILIES. SEVEN CATEGORIES OF ELEMENTARY INDUSTRIAL ARTS PROGRAMS ARE BRIEFLY OUTLINED: LIMITED AND COMPREHENSIVE CLASSROOM, LABORATORY, TRAVELING TEACHER, MOBILE AND CENTRAL LABORATORY, AND SUMMER SCHOOL ENRICHMENT PROGRAMS. AN EXAMPLE OF A RESOURCE UNIT FOR PRIMARY LEVEL IS GIVEN IN DETAIL INCLUDING: (1) PURPOSES, (2) LEARNING ACTIVITIES, (3) SKILLS DEVELOPED, AND (4) RESOURCE MATERIALS. INCLUDED IN THE GUIDE ARE: (1) A LIST OF SAFETY RULES FOR THE TEACHER, (2) SOURCE OF SUPPLIES, (3) AN EVALUATION CHECKLIST, (4) SUGGESTIONS FOR FURNITURE, (5) AN OUTLINE FOR ORGANIZING INSTRUCTIONAL PLANS AND (6) ONE FOR STUDYING BASIC RAW MATERIALS OF INDUSTRY. (JS/MJ)

VT 014 991 ED 062 519
FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.

NORTHERN ILLINOIS UNIV., DE KALB.
ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION,
SPRINGFIELD. VOCATIONAL AND TECHNICAL EDUCATION DIV.

EDRS PRICE MF-\$0.65 HC-\$6.58.
PUB DATE - ND 160P.

DESCRIPTORS - *CURRICULUM DEVELOPMENT; *CAREER EDUCATION;

VOCATIONAL EDUCATION; LEARNING ACTIVITIES; *RESOURCE GUIDES; *RESOURCE MATERIALS; INSTRUCTIONAL MATERIALS; OCCUPATIONAL INFORMATION; BEHAVIORAL OBJECTIVES; PROGRAM DEVELOPMENT; *DEVELOPMENTAL PROGRAMS; ELEMENTARY GRADES; SERVICES; CLASS ACTIVITIES; INDUSTRY IDENTIFIERS - CAREER AWARENESS; *WORLD OF WORK; AUTHENTIC BASIC LIFE CENTERED EDUCATION MODEL; ABLE MODEL PROGRAM

ABSTRACT - THIS PACKAGE OF PRACTICAL IDEAS COLLECTED BY THE AUTHENTIC BASIC LIFE-CENTERED EDUCATION (ABLE) MODEL PROGRAM SHOULD BE USEFUL FOR TEACHERS AND ADMINISTRATORS WHO ARE REVISING CURRICULUMS AND WRITING CURRICULUM GUIDES FOR THE ELEMENTARY AND INTERMEDIATE LEVEL. SUGGESTED UNITS ARE BASED ON AN "ORGANIZING CENTER CONCEPT" SUCH AS BANKING, BAKING, AND THE TELEPHONE BUSINESS, AND DIVIDED INTO GROUPINGS OF: (1) RESOURCES (ACCESSIBILITY)--WHAT TOOLS, MATERIALS, AND HUMAN TALENT CAN BE USED TO MAKE A UNIT ACCESSIBLE TO THE CHILD, (2) CONTENT (MOBILITY)--HOW CAN THE SUBJECT MATERIAL PULL TOGETHER NEW RELATIONSHIPS FROM PAST STUDIES, OR ENABLE CHILDREN TO ENCOUNTER THE FUNDAMENTAL ACTIVITIES OF THE COMMUNITY, THEIR RELIGION, THEIR CULTURE, AND (3) PERFORMANCE (ACCOMPLISHMENT)--HOW CAN THE CHILD EXPRESS HIMSELF, USE DIFFERENT RESOURCES, AND SHOW OTHERS WHAT HE HAS LEARNED. MATERIALS HAVE BEEN TESTED, EVALUATED, AND REVISED IN A VARIETY OF CLASSROOM SETTINGS. OTHER MATERIALS PROVIDE INFORMATION ON (1) INTERVIEWING, (2) FIELD TRIPS, (3) STAFF DEVELOPMENT ACTIVITIES, (4) CAREER LATTICES, AND (5) 70 SUGGESTED CLASSROOM ACTIVITIES FOR OCCUPATIONAL EXPLORATION. OBJECTIVES ARE CLEARLY STATED AND ACTIVITIES STRESS USE OF ALL RESOURCES, SUCH AS ROLE-PLAYING, FIELD TRIPS, AND COMMUNITY RESOURCES. (JS)

VT 015 001
STEPNICH, IVAN C.

BASIC ELECTRICITY STUDY COURSE.

REFRIGERATING ENGINEERS AND
TECHNICIANS ASSOCIATION, CHICAGO,
ILL.
DOCUMENT NOT AVAILABLE FROM EDRS.
REFRIGERATING ENGINEERS AND
TECHNICIANS ASSOCIATION, 435 NORTH
MICHIGAN AVE., CHICAGO, ILLINOIS
60611 (\$8.50; WITH 4 TAPE
CASSETTES-\$20.00; QUANTITY DISCOUNT
TO EDUCATIONAL INSTITUTIONS)
PUB DATE - 69

DESCRIPTORS - *TRADE AND INDUSTRIAL
EDUCATION; *ELECTRICITY; *STUDY
GUIDES; DIAGRAMS; VISUAL AIDS;
ACHIEVEMENT TESTS; *ADULT
VOCATIONAL EDUCATION

ABSTRACT - PREPARED BY AN
ELECTRICAL ENGINEER, THIS DOCUMENT
CONTAINS MATERIALS CONCERNING BASIC
ELECTRICITY. FOLLOWING AN
INTRODUCTION WHICH PROVIDES A BRIEF
DISCUSSION OF ELECTRICITY AND
DEFINITIONS, TEXTUAL INFORMATION
KEYED TO STUDY DIAGRAMS, WORKBOOKS
ASSIGNMENTS, AND SHORT TESTS ARE
PROVIDED FOR LESSONS COVERING SUCH
TOPICS AS: (1) ELECTRICAL
FUNDAMENTALS, (2) OHM'S LAW, (3)
DIRECT CURRENT - SERIES CIRCUITS,
(4) PARALLEL CIRCUITS, (5)
WHEATSTONE BRIDGE, (6) MAGNETISM,
(7) CURRENT GENERATION, (8) OHM'S
LAW FOR ALTERNATING CURRENT (9)
TRANSFORMERS, AND (10) POWER
TRANSMISSION AND BRANCH CIRCUITS. A
MID-TERM EXAMINATION AND REVIEW
TEST ARE ALSO INCLUDED. (SB)

VT 015 130
INDUSTRIAL MATHEMATICS 1. AN
INSTRUCTIONAL GUIDE FOR SENIOR HIGH
SCHOOL.

LOS ANGELES CITY SCHOOLS, CALIF.
DIV. OF INSTRUCTIONAL PLANNING AND
SERVICES.
MF AVAILABLE IN VT-ERIC SET.
CVTE-N-129; PUB-SC-573
PUB DATE - 59 92P. PAES
COLLECTION

DESCRIPTORS - *TEACHING GUIDES;
*TECHNICAL MATHEMATICS;
MATHEMATICS; *INDUSTRIAL EDUCATION;

SENIOR HIGH SCHOOLS; *MATHEMATICAL
VOCABULARY; VOCABULARY DEVELOPMENT;
LESSON PLANS; LEARNING ACTIVITIES;
TEACHER DEVELOPED MATERIALS;
MATHEMATICAL CONCEPTS; PERCENTAGE;
ALGEBRA; GEOMETRY; MODERN
MATHEMATICS; MATHEMATICAL
APPLICATIONS; MEASUREMENT;
*VOCATIONAL EDUCATION;
INSTRUCTIONAL MATERIALS
IDENTIFIERS - CAREER AWARENESS;
BEGINNING COMPETENCE; EMPLOYMENT
SKILLS

ABSTRACT - THIS GUIDE IS DESIGNED
TO AID SENIOR HIGH SCHOOL
MATHEMATICS TEACHERS IN PRESENTING
A COURSE PLANNED FOR STUDENTS WHOSE
VOCATIONAL GOALS REQUIRE THAT THEY
DEMONSTRATE UNDERSTANDINGS AND
SKILLS IN INDUSTRIAL APPLICATIONS
OF BASIC PRINCIPLES OF MATHEMATICS.
THE FIRST SEMESTER COURSE IN A
SEQUENCE DESIGNED FOR STUDENTS
REQUIRING THIS SPECIALIZED
PREPARATION, THE GUIDE REFLECTS NEW
TRENDS IN THAT IT EMPHASIZES A NEW
VOCABULARY OF PRECISION MEASUREMENT
AND MEASURING INSTRUMENTS,
ESTIMATION, MENTAL CALCULATIONS,
AND MODERN VOCATIONAL APPLICATIONS
OF ALGEBRA AND GEOMETRY, FOLLOWING
BRIEF INTRODUCTORY MATERIAL, COURSE
OBJECTIVES, AND SUGGESTED TEACHING
SEQUENCE, UNITS OF INSTRUCTION
COVER ARITHMETIC IN TRADE AND
INDUSTRY, DENOMINATE NUMBERS AT
WORK, PERCENTAGE ON THE JOB,
PRACTICAL GEOMETRY, AND COMPUTATION
WITH MEASURES. SECTIONS ON
SUGGESTED APPROACH, ACTIVITIES, AND
MATERIALS, PREPARED BY EXPERIENCED
TEACHERS WHO HAVE FOUND THE
SUGGESTIONS USEFUL IN ACTUAL
CLASSROOM SITUATIONS, ARE INCLUDED
FOR EACH INSTRUCTIONAL UNIT, AS
WELL AS TOPICAL OUTLINES OF
CONTENT, AND SUGGESTED REFERENCES.
THROUGHOUT THE GUIDE, PROVISION IS
MADE FOR INDIVIDUAL DIFFERENCES AND
FOR THE INCLUSION OF ENRICHMENT
TOPICS. (AW)

VT 015 201
TRANSPORTATION. UNIT FOR UPPER
ELEMENTARY STUDENTS.

PONTIAC CITY SCHOOL DISTRICT, MICH.

MF AVAILABLE IN VT-ERIC SET.

CVTE-A-36

PUB DATE - JAN72 32P.PAES
COLLECTION

DESCRIPTORS - *CAREER EDUCATION;
VOCATIONAL EDUCATION; INTERMEDIATE
GRADES; *INSTRUCTIONAL MATERIALS;
WORKSHEETS; AUDIOVISUAL AIDS;
RESOURCE MATERIALS; INSTRUCTIONAL
AIDS; *TRANSPORTATION; *TEACHING
GUIDES; TEACHING PROCEDURES;
BEHAVIORAL OBJECTIVES; PROGRAM
EVALUATION; LEARNING ACTIVITIES;
STUDENT ATTITUDES; GLOSSARIES;
VOCABULARY; DEFINITIONS; FILMS;
BOOKS
IDENTIFIERS - ATTITUDES
APPRECIATIONS; CAREER AWARENESS

ABSTRACT - DEVELOPED BY THE
COMPREHENSIVE CAREER EDUCATION
STAFF, THIS TEACHING GUIDE ON
TRANSPORTATION FOR A 2 TO 4-WEEK
UNIT FOR STUDENTS IN THE UPPER
ELEMENTARY GRADES ENUMERATES
SPECIFIC PERFORMANCE OBJECTIVES
IMPLEMENTED BY SUGGESTED TEACHING
PROCEDURES. SHEETS FOR THE
TEACHER'S NOTES INCLUDE SUGGESTED
RESOURCES AND ARE KEYED TO THE 10
PAGES OF APPENDED MATERIALS. THE
APPENDIXES PROVIDE A SHORT TEST,
THREE STUDENT WORKSHEETS, AND A
SAMPLE TRUE-FALSE QUIZ. THE THREE
WORKSHEETS INCLUDE A CHART FOR
LISTING MEANS OF TRANSPORTATION, AN
OCCUPATIONAL STUDY GUIDE, AND A
CROSSWORD PUZZLE. A GENERAL
RATIONALE FOR CAREER EDUCATION, A
UNIT RATIONALE, DEFINITIONS OF
TERMS, A BRIEF RESOURCE LIST, AND A
LIST OF SEVEN BEHAVIORAL GOALS FOR
THE UNIT COMPLETE THE INSTRUCTIONAL
MATERIALS. (AG)

VT 015 223

BARNES, OZIE, AND OTHERS
CAREERS IN TECHNOLOGY. A RESOURCE
UNIT FOR GRADES THREE AND FOUR.

GEORGIA STATE DEPT. OF EDUCATION,
ATLANTA. DIV. OF VOCATIONAL AND
LEADERSHIP EDUCATION.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 20AUG71 8P.DEVELOPED
AT CAREER ORIENTATION WORKSHOP
(ATHENS, GEORGIA, AUGUST 16-20,

1971); PAES COLLECTION

DESCRIPTORS - *CAREER EDUCATION;
*INSTRUCTIONAL MATERIALS; *RESOURCE
UNITS; GRADE 3; GRADE 4;
*TECHNOLOGY; *OCCUPATIONAL
INFORMATION; STUDENT EVALUATION;
TECHNICAL OCCUPATIONS; LEARNING
ACTIVITIES; TEACHING PROCEDURES
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - DEVELOPED AT A CAREER
ORIENTATION WORKSHOP, THIS RESOURCE
UNIT IS INTENDED TO PROVIDE THIRD
AND FOURTH GRADE PUPILS WITH SOME
KNOWLEDGE OF THE VARIOUS SKILLED
AND SEMI-SKILLED TECHNICIAN CAREERS
AVAILABLE. SPECIFIC OBJECTIVES
INCLUDE: (1) TO HELP THE CHILD
LEARN TO DO INDEPENDENT RESEARCH
ABOUT WORKERS WITH TECHNOLOGICAL
CAREERS, (2) TO AID THE CHILD IN
COMMUNICATION SKILLS WITH ABILITIES
TO RELATE TO TECHNOLOGICAL
OCCUPATIONS, AND (3) TO PROVIDE
MEANINGFUL ACTIVITIES IN WHICH THE
CHILD WILL DEVELOP HIS ABILITIES TO
UNDERSTAND AND COMPREHEND SYMBOLIC
STRUCTURES IN RELATION TO SPECIFIC
DESIGNS. AN OCCUPATIONAL
CLASSIFICATION OF 24 TECHNOLOGY
CAREERS IS GIVEN, AS WELL AS
CONTENT SUGGESTIONS FOR THE UNIT, A
LIST OF LEARNING EXPERIENCES,
RESOURCES TO USE, AND INSTRUCTIONAL
STRATEGIES. SUGGESTED EVALUATIVE
MEASURES ARE LISTED ALONG WITH
SAMPLE ESSAY, SHORT ANSWER, TRUE-
FALSE, MATCHING, MULTIPLE-CHOICE,
AND COMPLETION QUESTIONS OR
STATEMENTS. LINKING POSSIBILITIES
WITH OTHER SUBJECT AREAS ARE
PRESENTED AND A BIBLIOGRAPHY IS
INCLUDED. (GEB)

VT 015 224

COLELLA, CATHY; SOURIFMAN, VIVIAN
COMMUNICATIONS UNIT, 4TH AND 5TH
GRADES.

HACKENSACK PUBLIC SCHOOLS, N.J.
CAREER EDUCATION CENTER.

MF AVAILABLE IN VT-ERIC SET.

CVTE-E-11

PUB DATE - ND 29P.PAES
COLLECTION

DESCRIPTORS - *CAREER EDUCATION;

*COMMUNICATION (THOUGHT TRANSFER);
 *LANGUAGE SKILLS; *INTERMEDIATE
 GRADES; LEARNING ACTIVITIES; *UNIT
 PLAN; RESOURCE MATERIALS; REFERENCE
 MATERIALS; AUDIOVISUAL AIDS;
 DEFINITIONS; BEHAVIORAL OBJECTIVES;
 VOCATIONAL INTERESTS; INDUSTRIAL
 EDUCATION; INSTRUCTIONAL MATERIALS;
 FIELD TRIPS; ROLE PLAYING; TEACHING
 PROCEDURES; INTEGRATED CURRICULUM;
 INDUSTRY
 IDENTIFIERS - SELF AWARENESS;
 CAREER AWARENESS

ABSTRACT - THIS UNIT FOR GRADES 4
 AND 5, ADAPTABLE TO GRADES 6, 7, AND
 8, PROVIDES A BASIC PROGRAM ON
 COMMUNICATION CAREERS FOR
 INTEGRATION INTO A CURRICULUM OVER
 A PERIOD OF SEVERAL MONTHS OR MORE.
 WRITTEN BY AN ELEMENTARY SCHOOL
 TEACHER AND A CAREER EDUCATION
 COORDINATOR, THE UNIT AIMS TO
 DEVELOP AWARENESS OF ABILITIES AND
 INTERESTS, AS WELL AS AN
 APPRECIATION FOR BUSINESS
 INTERRELATIONSHIPS IN THE
 COMMUNICATIONS FIELDS. LANGUAGE
 ARTS SKILLS WILL BE RELATED TO JOB
 TASKS IN COMMUNICATIONS. LEARNING
 ACTIVITIES FOCUS ON RESEARCHING ONE
 OF EIGHT COMMUNICATION INDUSTRIES,
 ROLE PLAYING A SPECIFIC JOB, AND
 ALLOWING INDUSTRIES TO WORK
 TOGETHER. A SAMPLE SLIDE TAPE
 PRESENTATION ON COMMUNICATION
 CAREERS IS INCLUDED, TOGETHER WITH
 A SUGGESTED UNIT INTRODUCTION AND
 ACTIVITIES. FOR EACH OF THE
 INDUSTRIES, PERFORMANCE OBJECTIVES
 AND "REAL-LIFE" ACTIVITIES ARE
 GIVEN. WORKSHEETS FOR USE ON A BELL
 TELEPHONE COMPANY TOUR ARE
 INCLUDED. TEACHING RESOURCES AND
 SUGGESTIONS, TOGETHER WITH TERM
 DEFINITIONS FOR TELEVISION
 PRODUCTION, COMPLETE THE UNIT. (AG)

VT 015 227 ED 063 463
 INDUSTRIAL PREP, VOLUME ONE,
 SOPHOMORE YEAR--INTRODUCTION
 MATHEMATICS.

HACKENSACK PUBLIC SCHOOLS, N. J.
 EDRS PRICE MF-\$0.65 HC-\$9.87.
 CVTE-E-8
 PUB DATE - ND 260P.PAES
 COLLECTION

DESCRIPTORS - *CAREER EDUCATION;
 VOCATIONAL EDUCATION; *SHOP
 CURRICULUM; VISUAL AIDS; GRADE 10;
 BEHAVIORAL OBJECTIVES; *MATHEMATICS
 INSTRUCTION; *TEACHING GUIDES;
 CURRICULUM GUIDES; INSTRUCTIONAL
 AIDS; DEVELOPMENTAL PROGRAMS;
 PROGRAM CONTENT; STUDENT PROJECTS;
 WORKSHEETS; TESTS; LESSON PLANS;
 LEARNING ACTIVITIES;
 *INTERDISCIPLINARY APPROACH;
 INTEGRATED CURRICULUM
 IDENTIFIERS - CAREER EXPLORATION

ABSTRACT - AS PART OF A 3-YEAR
 COMPREHENSIVE INTERDISCIPLINARY
 PROGRAM DEVELOPED BY A GROUP OF
 EDUCATORS FROM HACKENSACK HIGH
 SCHOOL, NEW JERSEY, THIS TEACHING
 GUIDE FOR A GRADE 10 MATHEMATICS
 UNIT IS DESIGNED AS A YEAR LONG
 STUDY OF MEASUREMENT IN PREPARATION
 FOR FURTHER TECHNICAL STUDY IN
 GRADES 11 AND 12. DAILY LESSON
 PLANS FOR THE FOUR SOPHOMORE UNITS
 STRESS BASIC CONCEPTS AND
 APPLICATIONS OF MATHEMATICAL
 MEASUREMENT. STUDENTS CONSTRUCT
 MODELS OF DUCTWORK, GEOMETRIC
 SOLIDS, DENSITIES OF METALS, AND
 PAPER BOX FABRICATION WHICH PROMOTE
 GROUP AND INDIVIDUAL PARTICIPATION
 IN DEVELOPING NECESSARY CONCRETE
 MATHEMATICAL SKILLS. THE PROGRAM
 INCORPORATES THE USE OF COMMUNITY
 RESOURCES FOR FIELD TRIPS AND
 PRESENTATIONS, AND INCLUDES LINE
 DIAGRAMS, QUIZZES, STUDENT
 WORKSHEETS, AND ACTIVITY LISTS.
 INTRODUCTORY RATIONALES PRECEDE
 EACH OUTLINED UNIT. THIS VOLUME IS
 PLANNED FOR USE WITH FOUR OTHERS,
 AVAILABLE AS VT 015 228-VT 015 231
 IN THIS ISSUE. (AG)

VT 015 229 ED 063 465
 INDUSTRIAL PREP, VOLUME THREE,
 JUNIOR YEAR--CONTENTS: PHYSICS AND
 ENGLISH.

HACKENSACK PUBLIC SCHOOLS, N. J.
 EDRS PRICE MF-\$0.65 HC-\$13.16.
 CVTE-E-8
 PUB DATE - ND 397P.PAES
 COLLECTION

DESCRIPTORS - BIBLIOGRAPHIES; GRADE

11; *INTERDISCIPLINARY APPROACH;
 *TEACHING GUIDES; *ENGLISH
 CURRICULUM; SELF CONCEPT; *CAREER
 EDUCATION; VOCATIONAL EDUCATION;
 INSTRUCTIONAL AIDS; DEVELOPMENTAL
 PROGRAMS; CURRICULUM GUIDES;
 *PHYSICS CURRICULUM; BEHAVIORAL
 OBJECTIVES; STUDENT PROJECTS;
 PROJECT TRAINING METHODS; TEACHING
 PROCEDURES; AUDIOVISUAL AIDS;
 OCCUPATIONAL GUIDANCE; WORKSHEETS

ABSTRACT - THIS GRADE 11 TEACHING
 GUIDE CONTAINS TWO CURRICULUMS
 WHICH FOCUS ON 10 TEAM PHYSICS
 PROJECTS AND FIVE THEMATIC UNITS IN
 ENGLISH. THE 10 GROUP PHYSICS
 PROJECTS ARE DERIVED FROM THE
 APPLICATION OF THREE LABORATORY
 UNITS ON THE PROPERTIES OF MATTER,
 MECHANICS, AND ELECTRICITY. THE
 OUTLINED ENGLISH CURRICULUM RANGES
 FROM SUCH SPECIFICALLY PRAGMATIC
 TOPICS AS WORK PREPARATION AND
 PHYSICS TO MORE BROADLY APPLICABLE
 UNITS ON TELEVISION, ECONOMICS, AND
 PREJUDICE, STRESSING RELEVANCE TO
 THE NEEDS AND INTERESTS OF
 VOCATIONAL STUDENTS. THE EXTENSIVE
 ECONOMICS UNIT DEALS WITH CONSUMER
 CREDIT AND BUYING USED CARS. THE
 UNIT ON PREJUDICE OUTLINES THE
 CAUSES AND EFFECTS OF SOCIAL
 DISCRIMINATION, PROVIDES LITERARY
 ILLUSTRATIONS WITH SUGGESTED
 PROJECTS AND A BIBLIOGRAPHY, AND
 DISCUSSES PREJUDICE IN MASS MEDIA.
 MULTIMEDIA RESOURCES AND IDEAS FOR
 THE GUIDE INCLUDE PROJECT LISTS,
 DISCUSSION QUESTIONS, VISUAL AIDS,
 AND STUDENT READING MATERIALS.
 PROCEDURES FOR IMPLEMENTING GOALS
 INCLUDE USE OF STUDENT WORKSHEETS
 FOR EACH PHYSICS LESSON, A STUDENT
 EVALUATION SHEET, TERM DEFINITIONS,
 AND DETAILED DAILY LESSON PLANS IN
 OUTLINE FORM. DEVELOPED BY A GROUP
 OF EDUCATORS FROM HACKENSACK HIGH
 SCHOOL, NEW JERSEY, THIS IS THE
 THIRD VOLUME IN A COMPREHENSIVE 3-
 YEAR INTERDISCIPLINARY PROGRAM IN
 INDUSTRIAL PREPARATION FOR
 VOCATIONAL STUDENTS. OTHERS ARE
 AVAILABLE AS VT 015 227-VT 015 231
 IN THIS ISSUE. (AG)

VT 015 230 ED 063 466
 INDUSTRIAL PREP, VOLUME FOUR,

JUNIOR YEAR—CONTENTS: MATHEMATICS
 AND GUIDANCE.

HACKENSACK PUBLIC SCHOOLS, N.J.
 EDRS PRICE MF-\$0.65 HC-\$9.87.
 CVTE-E-8
 PUB DATE - ND 279P.PAES
 COLLECTION

DESCRIPTORS - *CAREER EDUCATION;
 VOCATIONAL EDUCATION; GRADE 11;
 VISUAL AIDS; BEHAVIORAL OBJECTIVES;
 *MATHEMATICS INSTRUCTION; *TEACHING
 GUIDES; CURRICULUM GUIDES; LESSON
 PLANS; DEVELOPMENTAL PROGRAMS;
 INSTRUCTIONAL AIDS; PROGRAM
 CONTENT; STUDENT PROJECTS;
 WORKSHEETS; TESTS; LEARNING
 ACTIVITIES; *INTERDISCIPLINARY
 APPROACH; *CLASSROOM GUIDANCE
 PROGRAMS; GROUP GUIDANCE
 IDENTIFIERS - CAREER EXPLORATION

ABSTRACT - AS PART OF A 3-YEAR
 COMPREHENSIVE INTERDISCIPLINARY
 PROGRAM IN INDUSTRIAL PREPARATION
 FOR VOCATIONAL STUDENTS, THIS 11TH
 GRADE TEACHING GUIDE CONSISTS OF
 UNITS ON TECHNICAL MATHEMATICS AND
 GUIDANCE. DESIGNED AS SUPPORTIVE
 MATERIAL FOR RELATED PHYSICS AND
 ENGLISH CURRICULUMS, THE FIRST FOUR
 SECTIONS OF VOLUME 4 ON ALGEBRA,
 VECTORS, SIMPLE MACHINES, AND
 ELECTRICITY STRESS FUNDAMENTAL
 CONCEPTS BY MEANS OF DAILY LESSON
 PLANS. ACCOMPANIED BY CLASSWORK AND
 COCURRICULAR ASSIGNMENT WORKSHEETS
 AND TESTS, THE 117 MATHEMATICS
 LESSONS ARE ILLUSTRATED WITH
 DETAILED LINE DIAGRAMS. MEANINGFUL
 SELF-APPRAISAL THROUGH GROUP AND
 PERSONAL GUIDANCE, LEADING TO A
 SUCCESSFUL OCCUPATIONAL CHOICE IS
 THE AIM OF A GUIDANCE UNIT WHICH
 DESCRIBES THE FUNCTIONS OF
 INTERESTS, APTITUDES, NEEDS,
 MOTIVATIONS, AND ATTITUDES IN
 CAREER PLANNING. FURTHER INSIGHT
 INTO HUMAN RELATIONS IS PROVIDED BY
 A DISCUSSION OF PREJUDICE AND STEPS
 FOR SOLVING PROBLEMS. CASE STUDIES,
 REFERENCES, PROJECT LISTS, AND
 WORKSHEETS ALSO ENRICH THIS
 GUIDANCE UNIT. VOLUME 4 IS PLANNED
 FOR USE WITH FOUR OTHERS, AVAILABLE
 AS VT 015 227-VT 015 231 IN THIS
 ISSUE. (AG)

VT 015 231 ED 063 467
 INDUSTRIAL PREP, VOLUME FIVE,
 SENIOR YEAR--ENGLISH, CHEMISTRY,
 SOCIAL STUDIES, AND OCCUPATIONAL
 RELATIONS.

HACKENSACK PUBLIC SCHOOLS, N.J.
 EDRS PRICE MF-\$0.65 HC-\$13.16.
 CVTE-E-8
 PUB DATE - ND 358P.PAES
 COLLECTION

DESCRIPTORS - GRADE 12; BEHAVIORAL
 OBJECTIVES; *CAREER EDUCATION;
 VOCATIONAL EDUCATION;
 BIBLIOGRAPHIES; *TEACHING GUIDES;
 INTERDISCIPLINARY APPROACH;
 MULTIMEDIA INSTRUCTION; *ENGLISH
 CURRICULUM; INSTRUCTIONAL AIDS;
 WORK ATTITUDES; VISUAL AIDS;
 DEVELOPMENTAL PROGRAMS; HUMANITIES
 INSTRUCTION; RESOURCE MATERIALS;
 CURRICULUM GUIDES; *CHEMISTRY
 INSTRUCTION; OCCUPATIONAL GUIDANCE;
 *SOCIAL STUDIES UNITS
 IDENTIFIERS - ECONOMIC AWARENESS

ABSTRACT - THIS 12TH GRADE TEACHING
 GUIDE PRESENTS FOUR UNITS IN
 INDUSTRIAL PREPARATION FOR
 VOCATIONAL STUDENTS WHICH SERVE AS
 A GENERAL AND SPECIFIC VOCATIONAL
 BASIS EITHER FOR IMMEDIATE POST-
 SECONDARY EMPLOYMENT OR FOR FURTHER
 FORMAL TECHNICAL EDUCATION. THE
 FIVE DIVERSE ENGLISH CURRICULUM
 UNITS RANGE FROM VOCATIONAL
 PREPARATION AND CHEMISTRY TOPICS TO
 DISCUSSIONS OF LEISURE TIME
 ACTIVITIES, THE FILM, AND CURRENT
 WAR AND PEACE ISSUES. A SOCIAL
 STUDIES UNIT DEALS PRIMARILY WITH
 THE SOCIOLOGICAL IMPACT OF
 URBANIZATION AND THE CIVIC
 RESPONSIBILITIES OF INDUSTRY. AN
 OCCUPATIONAL RELATIONS UNIT
 PROVIDES SAMPLE CASE STUDIES
 DESIGNED TO INCREASE SELF-
 UNDERSTANDING IN INTERPERSONAL
 VOCATIONAL RELATIONSHIPS, AND A
 LABORATORY UNIT OF INDUSTRIALLY-
 ORIENTED CHEMISTRY TOPICS IS
 DESIGNED TO DEVELOP NINE SPECIFIC
 LABORATORY SKILLS. DEVELOPED AS
 PART OF A 3-YEAR COMPREHENSIVE
 INTERDISCIPLINARY PROGRAM BY A
 GROUP OF EDUCATORS FROM HACKENSACK

HIGH SCHOOL, NEW JERSEY, THE GUIDE
 EMPLOYS A WIDE VARIETY OF "REAL-
 LIFE" APPROACHES, SUCH AS ROLE-
 PLAYING, TO INSURE STUDENT
 INTEREST. GENERAL AND SPECIFIC
 PROGRAM GOALS AND RATIONALES AND
 TEACHING SUGGESTIONS PRECEDE THE
 STUDENT READING MATERIALS,
 MULTIMEDIA RESOURCE MATERIALS,
 PROJECT LISTS, AND BIBLIOGRAPHIES.
 THIS VOLUME IS PLANNED FOR USE WITH
 FOUR OTHERS, AVAILABLE AS VT 015
 227-VT 015 230 IN THIS ISSUE. (AG)

VT 015 233
 SAVAGE, EDWARD
 THE FACTORY: A ROLE-PLAYING UNIT IN
 VOCATIONAL DEVELOPMENT FOR PRIMARY
 AND INTERMEDIATE SCHOOL STUDENTS.

HACKENSACK PUBLIC SCHOOLS, N.J.
 CAREER DEVELOPMENT CENTER.
 MF AVAILABLE IN VT-ERIC SET.
 CVTE-E-21
 PUB DATE - ND PAES
 COLLECTION

DESCRIPTORS - GRADE 3; PRIMARY
 GRADES; INTERMEDIATE GRADES;
 INSTRUCTIONAL AIDS; INSTRUCTIONAL
 MATERIALS; *TEACHING GUIDES; *ROLE
 PLAYING; *VOCATIONAL DEVELOPMENT;
 *CAREER EDUCATION; LESSON PLANS;
 RESOURCE MATERIALS; FILMS;
 *LEARNING ACTIVITIES; AUDIOVISUAL
 AIDS; BEHAVIORAL OBJECTIVES;
 TEACHING PROCEDURES; INDUSTRIAL
 EDUCATION; RESOURCE MATERIALS
 IDENTIFIERS - ATTITUDES
 APPRECIATIONS; CAREER AWARENESS

ABSTRACT - PREPARED BY THE CAREER
 DEVELOPMENT CENTER FOR PROBABLE USE
 AT THE 3RD GRADE LEVEL, THIS
 TEACHING GUIDE WITH EXTENSIVE
 SAMPLE STUDENT MATERIALS AND A 4-
 PAGE SAMPLE FILM OR SLIDE SCRIPT
 ALLOWS PUPILS TO PLAY MANAGERIAL,
 SUPERVISORY, AND PRODUCTIVE ROLES
 IN A FACTORY SITUATION. DESIGNED TO
 INTRODUCE PUPILS TO INDUSTRIAL
 ORGANIZATIONAL PROBLEMS BY
 PROVIDING MATERIALS AND METHODS TO
 PRODUCE PAPER PRODUCTS, THIS ROLE-
 PLAYING UNIT ALSO INCLUDES A 1-
 PARAGRAPH OVERVIEW, A DETAILED 4-
 PAGE INTRODUCTION ENUMERATING SIX
 STAGES OF CONCEPTUAL DEVELOPMENT

BASED ON A DEFINITION OF A FACTORY IN ADDITION TO PROVIDING AN EXTENSIVE RATIONALE FOR THE SEVEN SUGGESTED LESSON PLANS, A LIST OF NEEDED MATERIALS, AND THREE BEHAVIORAL OBJECTIVES FOR THE UNIT. EACH OF THE SEVEN SUGGESTED LESSONS PRESENTS: (1) THE CONCEPT TO BE TAUGHT, (2) THE DESIRED BEHAVIORAL OBJECTIVE, (3) MATERIALS REQUIRED, AND (4) PROCEDURES. (AG)

VT 015 278

TOOLS AND THEIR USES. RATE TRAINING MANUAL.

DEPARTMENT OF THE NAVY, WASHINGTON, D.C. BUREAU OF NAVAL PERSONNEL. MF AVAILABLE IN VT-ERIC SET. NAVPERS-10085-B

SUPERINTENDENT OF DOCUMENTS, UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (STOCK NO. 0500-029-0010, CATALOG NO. D 208.11:T61/2/971, \$1.50)
PUB DATE - 71 186P.

DESCRIPTORS - INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; MACHINE TOOLS; *MANUALS; *STUDY GUIDES; VOCATIONAL EDUCATION; TECHNICAL EDUCATION; *TRADE AND INDUSTRIAL EDUCATION; EQUIPMENT MAINTENANCE; SAFETY EDUCATION; *HAND TOOLS

ABSTRACT - DEVELOPED FOR TRAINING NAVAL PERSONNEL, THIS MANUAL SHOULD HELP THE TRAINEE TO: (1) IDENTIFY TOOLS AND FASTENING DEVICES, (2) CITE THE SPECIFIC PURPOSES AND USES OF EACH TOOL, (3) DESCRIBE THE CORRECT OPERATION, CARE, AND MAINTENANCE REQUIRED TO KEEP THE TOOLS IN PROPER OPERATING CONDITION, AND (4) PERFORM ACCURATE MEASUREMENTS. THE SEVEN CHAPTERS OF THE HANDBOOK ARE: (1) COMMON HANDTOOLS, (2) COMMON POWER TOOLS, (3) MEASURING TOOLS AND TECHNIQUES, (4) FASTENING COMPONENTS AND PROCEDURES, (5) GRINDING OPERATIONS, (6) METAL CUTTING OPERATIONS, AND (7) MISCELLANEOUS TASKS. ALSO INCLUDED ARE NUMEROUS ILLUSTRATIONS DEPICTING THE SAFE AND CORRECT USE OF EQUIPMENT. (AUTHOR/JS)

VT 015 398

FALES, JAMES F., AND OTHERS
A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.

TEXAS A AND M UNIV., COLLEGE STATION. DEPT. OF INDUSTRIAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - FEB72 42P.

DESCRIPTORS - INDUSTRIAL ARTS; *INDUSTRIAL TECHNOLOGY; *CURRICULUM GUIDES; *PROGRAM PLANNING; SECONDARY GRADES; CONSTRUCTION (PROCESS); MANAGEMENT; GRAPHIC ARTS; POWER MECHANICS; *SKILL DEVELOPMENT; *INDUSTRIAL EDUCATION

ABSTRACT - DESIGNED BY A GROUP OF GRADUATE STUDENTS AS PART OF A CLASS ASSIGNMENT, THIS OUTLINE OF AN INDUSTRIAL TECHNOLOGY CURRICULUM WAS DESIGNED FOR A NATIONALLY RECOGNIZED PREPARATORY SCHOOL FOR BOYS. INDUSTRIAL TECHNOLOGY, AS USED HERE, REFERS TO A BROAD CONCEPTUALLY-BASED, COMPREHENSIVE PROGRAM THAT PROVIDES THE STUDENT AN OPPORTUNITY TO LEARN ABOUT HIS MAN-MADE WORLD THROUGH A STUDY OF THE KNOWLEDGE OF MATERIAL GOODS PRODUCTION. SPECIFIC OBJECTIVES ARE TO DEVELOP IN EACH STUDENT: (1) AN INSIGHT AND UNDERSTANDING OF INDUSTRY, (2) TALENTS THEY MAY HAVE IN THE TECHNICAL AND APPLIED SCIENCE FIELDS, (3) TECHNICAL PROBLEM-SOLVING SKILLS, AND (4) A MEASURE OF SKILL IN THE USE OF TOOLS AND MACHINES. CONTENT OUTLINES ARE PROVIDED FOR THE AREAS OF: (1) INDUSTRIAL MATERIALS AND PROCESSES, (2) INDUSTRIAL MANAGEMENT, (3) POWER SYSTEMS, (4) GRAPHIC COMMUNICATIONS, AND (5) PRE-ENGINEERING GRAPHICS. IMPLEMENTATION STRATEGY IS TO PHASE-IN THE FIVE AREAS MENTIONED IN GRADES 10-12 WITH THE POSSIBILITY OF EVENTUALLY DEVELOPING COURSES FOR GRADES 6-9. RECOMMENDATIONS FOR FACILITIES AND EQUIPMENT AND STAFF ARE INCLUDED. (GB)

VT 015 411

PITT COUNTY MIDDLE GRADES PROJECT,
I-III.

PITT COUNTY SCHOOLS, GREENVILLE,
N.C.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000553
PUB DATE - ND 184P.PAES
COLLECTION

DESCRIPTORS - GRADE 7; GRADE 8;
*CURRICULUM GUIDES; *CAREER
EDUCATION; SELF CONCEPT;
*OCCUPATIONAL INFORMATION; SERVICE
OCCUPATIONS; PROFESSIONAL
OCCUPATIONS; EVALUATION TECHNIQUES;
TECHNICAL OCCUPATIONS;
*INDIVIDUALIZED INSTRUCTION;
DROPOUT IDENTIFICATION; EDUCATIONAL
OBJECTIVES; TEACHING TECHNIQUES;
LEARNING ACTIVITIES; *LEARNING
LABORATORIES; AUDIOVISUAL AIDS;
RESOURCE MATERIALS; REFERENCE
MATERIALS
IDENTIFIERS - CAREER AWARENESS;
BEGINNING COMPETENCE; ATTITUDES
APPRECIATIONS

ABSTRACT - THIS CURRICULUM GUIDE
FOR A CAREER EDUCATION PROGRAM FOR
GRADES 7 AND 8 PROVIDES "HANDS-ON"
LABORATORY ACTIVITIES BY MEANS OF
"MODULES," WHICH CONSIST OF SEVERAL
LEARNING STATIONS FOR CLASSROOM
GROUPS OF SEVERAL STUDENTS A PIECE.
DEALING WITH SERVICE, CLERICAL AND
SALES, AND PROFESSIONAL AND
TECHNICAL OCCUPATIONS, THE UNIT
PROVIDES OPPORTUNITIES FOR SELF
APPRAISAL, VOCATIONAL EXPLORATION,
INDIVIDUALIZED INSTRUCTION, AND
DROPOUT IDENTIFICATION, LEADING
TOWARDS SUCCESSFUL FUTURE
EMPLOYMENT. DEVELOPED, FIELD
TESTED, AND EVALUATED BY A PROJECT
COMMITTEE OF PITT COUNTY SCHOOLS
STAFF, THE GUIDE INCLUDES PROGRAM
AND UNIT OBJECTIVES, STUDENT
READING MATERIALS, WORKSHEETS,
VISUAL AIDS, TESTS, STUDENT
DIRECTED EVALUATION SHEETS, AND
REFERENCE LISTS. UNIT OUTLINES WITH
TIME BLOCKS, VOCABULARY LISTS, AND
A CONCLUDING LIST OF AUDIOVISUAL
AIDS COMPLETE THE UNIT. TEACHING
TECHNIQUES INCLUDE DISCUSSIONS,
FIELD TRIPS, ROLE PLAYING,
RESEARCH, AND THE USE OF

AUDIOVISUAL AIDS. (AG)

VT 015 413

PITT COUNTY MIDDLE GRADES PROJECT:
CONSTRUCTION INDUSTRIES,
MANUFACTURING INDUSTRIES AND
AGRICULTURAL OCCUPATIONS.

PITT COUNTY SCHOOLS, GREENVILLE,
N.C.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000553
PUB DATE - ND 177P.PAES
COLLECTION

DESCRIPTORS - GRADE 7; GRADE 8;
STUDENT PROJECTS; CAREER EDUCATION;
*VOCATIONAL EDUCATION; *INDUSTRIAL
EDUCATION; GENERAL EDUCATION;
INTEGRATED CURRICULUM; *CURRICULUM
GUIDES; CONSTRUCTION INDUSTRY;
NATURAL RESOURCES; MANUFACTURING;
ASSEMBLY (MANUFACTURING); ACTIVITY
UNITS; AGRICULTURAL OCCUPATIONS;
BEHAVIORAL OBJECTIVES; PROGRAM
CONTENT; INDIVIDUALIZED CURRICULUM;
DROPOUT IDENTIFICATION;
OCCUPATIONAL INFORMATION; SELF
CONCEPT
IDENTIFIERS - ECONOMIC AWARENESS

ABSTRACT - THIS CURRICULUM GUIDE
FOR VOCATIONAL STUDENTS IN GRADES 7
AND 8 PROVIDES "HANDS-ON"
LABORATORY ACTIVITIES RELATED TO
CONSTRUCTION, MANUFACTURING, AND
AGRICULTURAL OCCUPATIONS.
DEVELOPED, FIELD TESTED, AND
EVALUATED IN 1970 AND 1971 BY THE
STAFF OF THE PITT COUNTY MIDDLE
GRADES PROJECT, THE GUIDE
REPRESENTS HALF OF THE LABORATORY
COMPONENT IN A COMPREHENSIVE
OCCUPATIONAL AWARENESS PROGRAM. A
MULTIPLE ACTIVITY PROGRAM ALLOWS
SEVERAL ROTATING GROUPS OF THREE OR
FOUR STUDENTS A PIECE A SPECIFIC
AMOUNT OF TIME TO SPEND IN SEVERAL
LEARNING ACTIVITY MODULES.
PROVIDING AN INDIVIDUALIZED
APPROACH INTEGRATING VOCATIONAL
EDUCATION INTO A TOTAL EDUCATIONAL
FRAMEWORK, THE STUDENT PROJECTS
CONSTITUTE A BROAD BACKGROUND OF
GENERAL INDUSTRIAL EXPERIENCES.
RELEVANCE TO STUDENT NEEDS IS
EMPHASIZED BY PROVIDING
OPPORTUNITIES FOR SELF APPRAISAL,

VOCATIONAL EXPERIENCES, AND EMPLOYMENT INFORMATION FOR PITT COUNTY. IDENTIFYING AND AIDING THE POTENTIAL DROP-OUT AND RELATING STUDENT PROJECTS TO FUTURE OCCUPATIONAL CHOICES ARE TWO IMPORTANT GOALS OF THE VOCATIONAL PROGRAM. A WIDE RANGE OF STUDENT HAND-OUTS INCLUDE DIAGRAMS, TERM DEFINITIONS, REQUIRED MATERIALS LISTS, AND PROJECT PROCEDURES. PROJECT-RELATED OCCUPATIONS AND SUGGESTED AUDIOVISUAL AIDS ARE LISTED IN THE SEPARATE MODULE OVERVIEWS, WHICH ARE GROUPED ACCORDING TO GRADE LEVEL. (AG)

VT 015 420 ED 066 555
AMERICAN INDUSTRY INSTRUCTOR'S GUIDE. LEVEL I, PART 1 AND 2.

STOUT STATE UNIV., MENOMONIE, WIS.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
EDRS PRICE MF-\$0.65 HC-\$32.90.
CVTE-000651
PUB DATE - ND 916P.PAES
COLLECTION

DESCRIPTORS - *JUNIOR HIGH SCHOOLS;
*PROJECT TRAINING METHODS;
*INDUSTRIAL EDUCATION; *INDUSTRY;
LESSON PLANS; STUDENT TESTING;
ACTIVITY LEARNING; ANSWER KEYS;
INSTRUCTIONAL MEDIA; *TEACHING
GUIDES; BEHAVIORAL OBJECTIVES;
SIMULATION; WORKSHEETS; VISUAL AIDS
IDENTIFIERS - EDUCATIONAL
AWARENESS; ECONOMIC AWARENESS

ABSTRACT - THIS COMPREHENSIVE TEACHING GUIDE FOR AN 18-36 WEEK COURSE IN AMERICAN INDUSTRY FOR THE JUNIOR HIGH GRADES CONTAINS SEVEN UNITS WITH DETAILED LESSON PLANS, WHICH FOCUS ON ESTABLISHING AND RUNNING A STUDENT BUSINESS. DEVELOPED BY EDUCATIONAL SPECIALISTS, THE UNIT PLANS PROVIDE TEACHING SUGGESTIONS, INSTRUCTIONAL MEDIA, BEHAVIORAL OBJECTIVES, AND CLASS ACTIVITIES. TEACHER FEEDBACK SHEETS, UNIT TESTS WITH ANSWER KEYS, STUDENT WORKSHEETS, LINE DRAWINGS, AND TRANSPARANCIES SUPPLEMENT THE SUBJECT CONTENT AND CLASS DISCUSSION GUIDELINES. THE INSTRUCTIONAL MATERIALS WILL ENABLE

THE STUDENT TO ACQUIRE A BROAD UNDERSTANDING OF AMERICAN INDUSTRIAL ORGANIZATION. (AG)

VT 015 421
OVT EXPLORATORY PROGRAM. PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.

PITTSBURGH PUBLIC SCHOOLS, PA. DIV.
OF OCCUPATIONAL, VOCATIONAL, AND
TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00442
PUB DATE - JUL71 641P.PAES
COLLECTION

DESCRIPTORS - *VOCATIONAL
EDUCATION; CAREER EDUCATION;
INDUSTRIAL ARTS; HOME ECONOMICS;
BUSINESS; *CURRICULUM GUIDES; *TEAM
TEACHING; *STUDENT CENTERED
CURRICULUM; ACTIVITY LEARNING;
BEHAVIORAL OBJECTIVES; EVALUATION
TECHNIQUES; BIBLIOGRAPHIES;
OCCUPATIONAL INFORMATION;
*SIMULATION; GRADE 6; GRADE 7;
GRADE 8
IDENTIFIERS - CAREER AWARENESS;
ECONOMIC AWARENESS; BEGINNING
COMPETENCE

ABSTRACT - THESE UNEDITED WORKING COPIES FOR TEAM TEACHING VOCATIONAL PREPARATION CURRICULUMS IN GRADES 6, 7, AND 8 FOCUS ON HUMAN RELATIONS AND PERSONAL DEVELOPMENT, PRODUCTION, COMMUNICATIONS, AND CONSUMER EDUCATION IN BUSINESS, HOME ECONOMICS, AND INDUSTRIAL ARTS. GENERALIZATIONS, GENERAL AND SPECIFIC BEHAVIORAL OBJECTIVES, AND EVALUATION TECHNIQUES ARE PROVIDED FOR THE STUDENT-CENTERED LEARNING ACTIVITIES, WITH SUBJECT CORRELATIONS IN EACH UNIT. THE GRADE 6 CURRICULUM INCLUDES SAMPLE PLANS FOR ORGANIZATION OF A STUDENT COMPANY. EXTENDING THE IDEA TO DETAILED PLANS FOR COMPANIES WITH A 12-WEEK ROTATING SCHEDULE, THE GRADE 7 UNIT STRESSING CAREER EXPLORATION GIVES THE PROGRAM SCOPE AND SAMPLE COMPANY MATERIALS. BIBLIOGRAPHIES ARE INCLUDED FOR GRADES 7 AND 8. IN GRADE 8, THE STUDENTS WILL SELECT A WORK CONTRACT WITH PAY IN ORDER TO

PRODUCE GOODS FOR RETAILING. VOCATIONAL INFORMATION WILL BE PROVIDED IN CONJUNCTION WITH THE SIMULATED WORK EXPERIENCES. THE GUIDES WERE WRITTEN BY A COMMITTEE OF THREE TEACHERS. (AG)

VT 015 433
CAREER ORIENTATION 7-8.

TOLEDO PUBLIC SCHOOLS, OHIO.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000024
PUB DATE - ND 60P. PAES
COLLECTION

DESCRIPTORS - *CAREER EDUCATION;
GRADE 7; GRADE 8; *INTEGRATED
CURRICULUM; PROGRAM DESCRIPTIONS;
*CURRICULUM GUIDES; FINE ARTS;
TEACHING GUIDES; HUMANITIES;
INDUSTRIAL ARTS; PHYSICAL
EDUCATION; RESOURCE MATERIALS;
TEACHING PROCEDURES; BEHAVIORAL
OBJECTIVES; *OCCUPATIONAL CLUSTERS;
TEACHING TECHNIQUES; *OCCUPATIONAL
GUIDANCE; EVALUATION TECHNIQUES;
INSERVICE EDUCATION
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS INTEGRATED CAREER ORIENTATION GUIDE FOR GRADES 7 AND 8 PROVIDES DETAILED INSTRUCTIONS FOR STRUCTURING A CAREER EDUCATION PROGRAM, UNIT OUTLINES BROKEN DOWN INTO SPECIFIC SUBJECT AREAS WITHIN EACH OCCUPATIONAL CLUSTER, AND A RESOURCE LIST COMPILED FROM COORDINATORS' RECOMMENDATIONS. DEVELOPED BY INSTRUCTORS AND COORDINATORS, THE UNIT INCLUDES A RATIONALE, PROGRAM OBJECTIVES, DESCRIPTIONS OF TEACHERS' AND COORDINATORS' RESPONSIBILITIES, AND SUGGESTIONS FOR ARRANGING FIELD TRIPS, RESOURCE SPEAKERS, AND "HANDS-ON" EXPERIENCES. EVALUATION PROCEDURES AND IN-SERVICE EDUCATION ARE ALSO DISCUSSED. SUBJECT FIELDS FOR THE UNITS INCLUDE THE FINE ARTS, THE HUMANITIES, PHYSICAL EDUCATION, AND INDUSTRIAL ARTS. EACH INSTRUCTIONAL AREA CONTAINS A RATIONALE, BEHAVIORAL OBJECTIVES, AND TEACHING PROCEDURES. DISCUSSION AND LISTING OF OCCUPATIONAL INFORMATION ARE THE TWO MAJOR TEACHING TECHNIQUES USED IN THE

UNIT. (AG)

VT 015 445 ED 062 577
INDUSTRIAL ARTS EDUCATION—
INSTRUCTIONAL MATERIALS.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.

NATIONAL CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT (DHEW/OE), WASHINGTON, D.C.

EDRS PRICE MF-\$0.65 HC-\$6.58.

OEG-3-7-000158-2037 08

BIB-SER-13 BR-7-0158

SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402

PUB DATE - 72

108P. COMPILATION OF ABSTRACTS FROM ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION, 1967-71

DESCRIPTORS - *INDUSTRIAL ARTS;
*ABSTRACTS; *INSTRUCTIONAL
MATERIALS; *RESOURCE GUIDES;
*INDEXES (LOCATORS); SECONDARY
GRADES; POST SECONDARY EDUCATION;
ADULT EDUCATION; CAREER EDUCATION

ABSTRACT - THIS COMPILATION PRESENTS OVER 200 RESUMES OF INSTRUCTIONAL MATERIALS IN INDUSTRIAL ARTS WHICH HAVE APPEARED QUARTERLY IN "ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (AIM), FALL 1967 THROUGH FALL 1971. RESUMES COVER A BROAD RANGE OF FIELDS AND OCCUPATIONS, SUCH AS CABINETMAKING, CONSTRUCTION, DRAFTING, ELECTRONICS, GRAPHIC ARTS, POWER MECHANICS, AND WOODWORKING. THE RESUMES ARE ARRANGED IN ASCENDING ORDER ACCORDING TO AN ACCESSION NUMBER AND INCLUDE THE FOLLOWING INFORMATION: (1) AUTHOR(S), (2) TITLE, (3) INSTITUTIONAL SOURCE, (4) SPONSORING AGENCY, (5) GRANT, CONTRACT, AND PROGRAM AREA NUMBERS, (6) REPORT AND BUREAU NUMBERS, (7) AVAILABLE SOURCES, (8) DESCRIPTORS AND IDENTIFIERS WHICH CHARACTERIZE THE CONTENTS OF THE DOCUMENT, AND (9) AN ABSTRACT OF THE DOCUMENT. AUTHOR, SUBJECT, AND CONVERSION OF

DOCUMENT NUMBER INDEXES ARE INCLUDED TO HELP LOCATE THE ABSTRACTS BY PAGE NUMBER AND ACCESSION NUMBER. THE FULL TEXTS OF DOCUMENTS ARE AVAILABLE FROM THE ORIGINAL SOURCES OR FROM ERIC DOCUMENT REPRODUCTION SERVICE (EDRS) AS MICROFICHE OR XEROX REPRODUCTIONS. A SAMPLE RESUME AND ORDERING INFORMATION FOR AIM AND EDRS REPRODUCTION ARE PROVIDED IN AN INTRODUCTORY SECTION. (SB)

VT 015 528

KAVIEFF, MELVIN C., AND OTHERS
INDUSTRIAL ARTS EDUCATION,
ELEMENTARY SCHOOL GRADES 4-8.
INSTRUCTIONAL MATERIALS FOR
BEGINNING TEACHERS.

DETROIT BOARD OF EDUCATION, MICH.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000327
PUB DATE - 70 236P.PAES
COLLECTION

DESCRIPTORS - *INDUSTRIAL ARTS;
INTERMEDIATE GRADES; GRADE 7; GRADE
8; *CURRICULUM GUIDES; *STUDENT
PROJECTS; PROJECT TRAINING METHODS;
RESOURCE MATERIALS; REFERENCE
MATERIALS; TEACHING PROCEDURES;
*INSTRUCTIONAL MATERIALS;
*BEGINNING TEACHERS; VISUAL AIDS
IDENTIFIERS - BEGINNING COMPETENCE

ABSTRACT - THIS CURRICULUM GUIDE FOR INDUSTRIAL ARTS CLASSES IN GRADES 4 THROUGH 8 CONTAINS INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS THAT INCLUDE A TIME ALLOCATION CHART, WORK PLANS, PROJECT TEACHING PROCEDURES, AND SUGGESTED IDEAS FOR EACH OF THE 10 SEMESTER UNITS. THE LEARNING ACTIVITIES SHOULD DEVELOP SKILLS IN ELECTRICITY, METALWORKING, PLASTICS, AND WOODWORKING. INTENDED BOTH AS AN INTRODUCTORY AID FOR THE NEW INDUSTRIAL ARTS TEACHER AND AS A BASIS FOR FURTHER DEVELOPMENT OF TEACHING MATERIALS, THE GUIDE WAS DEVELOPED BY A COMMITTEE OF ELEMENTARY SCHOOL EDUCATORS COORDINATED BY A PRINCIPAL AND A SUPERVISOR IN INDUSTRIAL EDUCATION. THE TEACHING PROCEDURES OUTLINE THE OPERATIONAL STEPS, REQUIRED

BACKGROUND KNOWLEDGE, NECESSARY PROJECT MATERIALS, REFERENCE BOOKS, TIME SPANS FOR EACH ACTIVITY, AND UNIT TESTS WITH ANSWER KEYS. DRAWINGS OF THE PROJECTS AND LINE DIAGRAMS ILLUSTRATE THE TEACHING UNITS. (AG)

VT 015 536

WORKERS IN HOUSE CONSTRUCTION.

SYRACUSE CITY SCHOOL DISTRICT, N.Y.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00351
PUB DATE - ND 35P.PAES
COLLECTION

DESCRIPTORS - CAREER EDUCATION;
*CURRICULUM GUIDES; *BUILDING
TRADES; CONSTRUCTION (PROCESS);
*WORKSHEETS; VISUAL AIDS; WAGES;
BIBLIOGRAPHIES; INTERVIEWS;
GLOSSARIES; *OCCUPATIONAL
INFORMATION; *INDUSTRIAL EDUCATION;
JOB ANALYSIS; PRETESTS; POST
TESTING; LEARNING ACTIVITIES;
SECONDARY GRADES
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS CURRICULUM GUIDE FOR A UNIT ON HOUSE CONSTRUCTION WORKERS, DEVELOPED BY A CAREER CENTER, PROVIDES OCCUPATIONAL ORIENTATION BY MEANS OF WORKSHEETS, A PRE- AND POST-TEST, AND ENRICHMENT ACTIVITIES. A BIBLIOGRAPHY, INTERVIEW SHEET, AND A GLOSSARY COMPLETE THE UNIT. THE LEARNING ACTIVITIES FOCUS ON THE NATURE OF THE CONSTRUCTION JOBS, VOCATIONAL REQUIREMENTS, WORKING CONDITIONS, AND JOB BENEFITS. DRAWINGS ILLUSTRATE THE TEXT. WAGE RANGES FOR CONSTRUCTION WORK ARE INCLUDED. (AG)

VT 015 614

THOMAS, DICK
ELECTRICITY--ELECTRONICS COURSE OF
STUDY. GRADES 9-12.

DAVID DOUGLAS PUBLIC SCHOOLS,
PORTLAND, OREG.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-70-5187(361)
CVTE-C00466

PUB DATE - ND 38P.PAES
COLLECTION

DESCRIPTORS - *CURRICULUM GUIDES;
*ELECTRONICS; *TRADE AND INDUSTRIAL
EDUCATION; *SECONDARY GRADES;
*COURSE DESCRIPTIONS; REFERENCE
MATERIALS; EDUCATIONAL OBJECTIVES;
INSTRUCTIONAL AIDS; TESTING; REVIEW
(REEXAMINATION); INSTRUCTIONAL
MATERIALS
IDENTIFIERS - CAREER AWARENESS;
BEGINNING COMPETENCE

ABSTRACT - THIS CURRICULUM GUIDE
FOR VOCATIONAL EDUCATION COURSES IN
ELECTRONICS FOR GRADES 9 THROUGH 12
PROVIDES GENERAL DESCRIPTIONS AND
SPECIFIC OUTLINES OF FOUR HIGH
SCHOOL ELECTRONICS COURSES.
REFERENCE LISTS, COURSE OBJECTIVES,
UNIT SUBDIVISIONS, AND TIME SPANS
ARE GIVEN FOR EACH COURSE. EACH
COURSE CONTAINS A SECTION FOR
REVIEW AND TESTING. WRITTEN BY TWO
ELECTRONICS INSTRUCTORS WITH THE
HELP OF A VOCATIONAL ELECTRONICS
ADVISORY COMMITTEE AND THE OREGON
STATE BOARD OF EDUCATION, THE GUIDE
INCLUDES AN INTRODUCTION AND
GENERAL CONSIDERATIONS. THIS UNIT
MAKES UP PART OF PROJECT VIGOR,
OREGON'S FEDERAL EXEMPLARY PROGRAM
IN CAREER EDUCATION. (AG)

VT 015 627

SUGGESTIONS FOR IMPLEMENTING AND
ORGANIZING PREVOCATIONAL EDUCATION
PROGRAMS FOR SOUTH CAROLINA.
TEACHER'S GUIDE. A UNIT IN
PREVOCATIONAL EDUCATION.

SOUTH CAROLINA STATE DEPT. OF
EDUCATION, COLUMBIA. OFFICE OF
VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - 71 52P.PAES
COLLECTION

DESCRIPTORS - *CAREER EDUCATION;
*PROGRAM PLANNING; GRADE 9; GRADE
10; EDUCATIONAL FACILITIES;
*RESOURCE GUIDES; PROGRAM
ADMINISTRATION; PROGRAM
DEVELOPMENT; RESOURCE MATERIALS;
*INSTRUCTIONAL MATERIALS; SECONDARY
GRADES; OCCUPATIONAL CHOICE;

EDUCATIONAL EQUIPMENT;
*ADMINISTRATOR GUIDES
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS RESOURCE GUIDE IS A
ROUGH DRAFT FOR THE USE OF SCHOOL
ADMINISTRATORS AND VOCATIONAL
COORDINATORS IN DEVELOPING CAREER
EDUCATION PROGRAMS FOR GRADES 9 AND
10 IN SOUTH CAROLINA. IT INCLUDES A
6-PAGE INTRODUCTORY RATIONALE AND
RESOURCE LISTS OF FACILITIES,
EQUIPMENT, AND SUPPLIES. THESE
LISTS OF MULTI-MEDIA MATERIALS AND
COSTS COVER A VOCATIONAL
ORIENTATION UNIT AND 16
OCCUPATIONAL UNITS DEVELOPED BY 16
TEACHERS. THE 16 6-WEEK CAREER
EDUCATION UNITS, INTENDED TO
FACILITATE OCCUPATIONAL CHOICES,
COVER A WIDE RANGE OF AREAS, FROM
AGRICULTURE TO SEWING. (AG)

VT 015 629

METALWORKING. TEACHER'S GUIDE. A
UNIT IN PREVOCATIONAL EDUCATION.

SOUTH CAROLINA STATE DEPT. OF
EDUCATION, COLUMBIA. OFFICE OF
VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 47P.PAES
COLLECTION

DESCRIPTORS - UNIT PLAN; *UNITS OF
STUDY (SUBJECT FIELDS); *LESSON
PLANS; BEHAVIORAL OBJECTIVES;
*METAL WORKING OCCUPATIONS; SHEET
METAL WORK; WELDERS; SECONDARY
GRADES; OCCUPATIONAL INFORMATION;
TEACHING PROCEDURES; WORKSHEETS;
*TEACHING GUIDES; INSTRUCTIONAL
MATERIALS; FIELD TRIPS; EDUCATIONAL
EQUIPMENT; *LEARNING ACTIVITIES
IDENTIFIERS - CAREER AWARENESS;
BEGINNING COMPETENCE

ABSTRACT - THIS ROUGH DRAFT OF A
TEACHING GUIDE ON METALWORKING
OCCUPATIONS CONTAINS AN
INTRODUCTORY RATIONALE AND 21
"HANDS-ON" LEARNING ACTIVITIES
INVOLVING MACHINE SHOP, SHEET
METAL, AND WELDING. WORKSHEETS AND
LISTS OF EQUIPMENT WITH COSTS ARE
PROVIDED. TWO FIELD TRIPS ARE
INCLUDED. STUDENTS WILL LEARN HOW

TO READ SIMPLE BLUEPRINTS AND HOW TO USE BASIC TOOLS. EACH ACTIVITY CONTAINS AN OBJECTIVE, MATERIALS LISTS, AND TEACHING PROCEDURES. (AG)

VT 015 631

WRIGHT, JAMES E.
BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.; CLEMSON UNIV., S.C. VOCATIONAL EDUCATION MEDIA CENTER.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 57P.PAES
COLLECTION

DESCRIPTORS - *UNITS OF STUDY (SUBJECT FIELDS); *LESSON PLANS; *TEACHING GUIDES; *BUILDING TRADES; CONSTRUCTION INDUSTRY; OCCUPATIONAL INFORMATION; BEHAVIORAL OBJECTIVES; INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; REFERENCE MATERIALS; LEARNING ACTIVITIES; JOB SKILLS; TEACHING PROCEDURES; EDUCATIONAL EQUIPMENT; VISUAL AIDS; TEACHING TECHNIQUES
IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS ROUGH DRAFT FOR A TEACHING GUIDE ON BUILDING CONSTRUCTION, WRITTEN BY A TEACHER, CONTAINS AN INTRODUCTORY RATIONALE AND 16 LEARNING ACTIVITIES FOCUSING ON CARPENTRY, PLUMBING, HOUSEWIRING, AND BRICKLAYING. EACH ACTIVITY CONTAINS A BEHAVIORAL OBJECTIVE, EQUIPMENT AND MATERIALS LISTS, AND TEACHING PROCEDURES. TRANSPARENCIES AND DIAGRAMS ILLUSTRATE THE TEXT. TEACHING TECHNIQUES INCLUDE THE USE OF AUDIOVISUAL AIDS, DISCUSSIONS, DEMONSTRATIONS, AND "HANDS-ON" PROJECTS. RESOURCE AND REFERENCES LISTS COMPLETE THE UNIT. (AG)

VT 015 632

SANDERS, HARRY E.
POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

TRI-COUNTY TECH SCHOOL, COPE, S.C.; SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 98P.PAES
COLLECTION

DESCRIPTORS - *UNITS OF STUDY (SUBJECT FIELDS); *LESSON PLANS; *AUTO MECHANICS (OCCUPATION); *POWER MECHANICS; *TEACHING GUIDES; OCCUPATIONAL INFORMATION; BEHAVIORAL OBJECTIVES; TEACHING PROCEDURES; INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; REFERENCE MATERIALS; VISUAL AIDS; EQUIPMENT; TRADE AND INDUSTRIAL EDUCATION
IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS ROUGH DRAFT OF A TEACHING GUIDE ON POWER MECHANICS, WRITTEN BY A MECHANICS INSTRUCTOR, FOCUSES ON AUTO MECHANICS BY MEANS OF 12 LEARNING ACTIVITIES. A WIDE VARIETY OF DIAGRAMS ILLUSTRATE THE TEXT. EACH ACTIVITY INCLUDES A BEHAVIORAL OBJECTIVE, EQUIPMENT AND MATERIALS LISTS, AND TEACHING PROCEDURES. TEACHING TECHNIQUES INCLUDE FIELD TRIPS, RESEARCH, USE OF AUDIOVISUAL AIDS, DISCUSSIONS, AND "HANDS-ON" LEARNING EXPERIENCES. THE INTRODUCTORY RATIONALE BRIEFLY DESCRIBES CAREER OPPORTUNITIES IN POWER MECHANICS. RESOURCE AND REFERENCE LISTS COMPLETE THE UNIT. (AG)

VT 015 635

STABLER, NICK
GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 38P.PAES
COLLECTION

DESCRIPTORS - *UNITS OF STUDY (SUBJECT FIELDS); *LESSON PLANS;

*LEARNING ACTIVITIES; *TEACHING GUIDES; BEHAVIORAL OBJECTIVES; TEACHING TECHNIQUES; TEACHING PROCEDURES; VISUAL AIDS; COMMUNICATIONS; RESOURCE MATERIALS; BUSINESS EDUCATION; *GRAPHIC ARTS; PRINTING; INSTRUCTIONAL MATERIALS; COSTS; FIELD TRIPS IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS ROUGH DRAFT OF A TEACHING GUIDE WRITTEN BY A TEACHER ON GRAPHIC ARTS WILL DIRECT THE STUDENT TOWARD ADVANCED WORK IN VOCATIONAL EDUCATION AND ALLOW EXPLORATION OF CAREER OPPORTUNITIES IN GRAPHIC ARTS. THE UNIT INCLUDES 20 LEARNING ACTIVITIES WITH BEHAVIORAL OBJECTIVES, EQUIPMENT AND MATERIALS LISTS, AND TEACHING PROCEDURES. DIAGRAMS ILLUSTRATE THE TEXT. RESOURCE LISTS WITH COSTS COMPLETE THE GUIDE. TEACHING TECHNIQUES INCLUDE DISCUSSION, A FIELD TRIP, "HANDS-ON" EXPERIENCES, AND THE USE OF AUDIOVISUAL AIDS. (AG)

VT 015 636
MORGAN, BOBBY
AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

DILLON AREA VOCATIONAL CENTER, S.C.; SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 71P, PAES
COLLECTION

DESCRIPTORS - *CAREER EDUCATION; EDUCATIONAL EQUIPMENT; *TEACHING GUIDES; LEARNING ACTIVITIES; PROGRAM COSTS; VISUAL AIDS; FIELD TRIPS; TEACHING PROCEDURES; EDUCATIONAL OBJECTIVES; *CAREER OPPORTUNITIES; REFERENCE MATERIALS; SECONDARY GRADES; RESOURCE MATERIALS; *UNITS OF STUDY (SUBJECT FIELDS); *AIR CONDITIONING; REFRIGERATION; INSTRUCTIONAL AIDS; OCCUPATIONAL INFORMATION IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS ROUGH DRAFT OF AN INSTRUCTIONAL UNIT ON AIR CONDITIONING AND REFRIGERATION INCLUDES AN INTRODUCTORY RATIONALE AND 27 LEARNING ACTIVITIES. DIAGRAMS AND DRAWINGS ILLUSTRATE THE TEXT, WRITTEN BY A TEACHER. EACH ACTIVITY CONTAINS AN OBJECTIVE, EQUIPMENT AND MATERIALS LISTS, TEACHING PROCEDURES, AND REFERENCE MATERIALS. VOCATIONAL OPPORTUNITIES ARE DISCUSSED, AND FOUR INSTRUCTIONAL TRIPS ARE INCLUDED IN THE ACTIVITIES. A LIST OF COURSE COSTS COMPLETES THE UNIT. (AG)

VT 015 638
STEADMAN, JERRY
MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 17P, PAES
COLLECTION

DESCRIPTORS - *CAREER EDUCATION; INDUSTRIAL EDUCATION; *DRAFTING; PREVOCATIONAL EDUCATION; VISUAL AIDS; TEACHING GUIDES; TEACHING PROCEDURES; EDUCATIONAL OBJECTIVES; RESOURCE MATERIALS; INSTRUCTIONAL MATERIALS; *EDUCATIONAL EQUIPMENT; *ENGINEERING DRAWING; CONSTRUCTION (PROCESS); WORKSHEETS; UNIT PLAN; REFERENCE MATERIALS; *LEARNING ACTIVITIES IDENTIFIERS - BEGINNING COMPETENCE

ABSTRACT - THIS ROUGH DRAFT FOR AN INSTRUCTIONAL UNIT ON BASIC MECHANICAL DRAWING PROVIDES A BASIS FOR LEARNING DRAFTING. TEN CLASS ACTIVITIES GIVE TIME SPANS, OBJECTIVES, MATERIALS, AND TEACHING PROCEDURES. AN INTRODUCTORY RATIONALE DESCRIBES VOCATIONAL OPPORTUNITIES IN DRAFTING. AN EQUIPMENT LIST AND FIVE WORKSHEETS COMPLETE THE UNIT, WRITTEN BY A TEACHER. (AG)

VT 015 639
 HICKS, BILL
 ELECTRICITY. TEACHER'S GUIDE. A
 UNIT IN PREVOCATIONAL EDUCATION.

SOUTH CAROLINA STATE DEPT. OF
 EDUCATION, COLUMBIA. OFFICE OF
 VOCATIONAL EDUCATION.
 MF AVAILABLE IN VT-ERIC SET.
 CVTE-C00415
 PUB DATE - JUN71 49P.PAES
 COLLECTION

DESCRIPTORS - *CAREER EDUCATION;
 *LEARNING ACTIVITIES; CAREER
 OPPORTUNITIES; FIELD TRIPS;
 OBJECTIVES; *ELECTRIC CIRCUITS;
 INSTRUCTIONAL AIDS; ELECTRICITY;
 *UNITS OF STUDY (SUBJECT FIELDS);
 TEACHING PROCEDURES; EQUIPMENT;
 COSTS; RESOURCE MATERIALS;
 *INDUSTRIAL ARTS; SECONDARY GRADES
 IDENTIFIERS - BEGINNING COMPETENCE;
 CAREER AWARENESS

ABSTRACT - THIS ROUGH DRAFT OF A
 30-HOUR BEGINNING INSTRUCTIONAL
 UNIT ON ELECTRICITY PRESENTS CAREER
 INFORMATION AND 25 LEARNING
 ACTIVITIES INVOLVING THE ASSEMBLY
 OF ELECTRIC CIRCUITS. EACH "HANDS-
 ON" ACTIVITY INCLUDES A PERFORMANCE
 OBJECTIVE, EQUIPMENT AND MATERIALS
 LISTS, AND TEACHING PROCEDURES.
 DIAGRAMS AND DRAWINGS ILLUSTRATE
 THE TEXT, WHICH WAS WRITTEN BY A
 TEACHER. FIELD TRIPS AND RESOURCE
 SPEAKERS PROVIDE OPPORTUNITIES FOR
 VOCATIONAL ORIENTATION. A LIST OF
 TOOLS AND EQUIPMENT WITH COSTS
 COMPLETES THE UNIT. (AG)

VT 015 755 ED 064 497
 PRE-INDUSTRIAL PREPARATION PROGRAM
 HANDBOOK. VOCATIONAL-TECHNICAL
 EDUCATION.

HAWAII STATE DEPT. OF EDUCATION,
 HONOLULU. OFFICE OF INSTRUCTIONAL
 SERVICES.
 EDRS PRICE MF-\$0.65 HC-\$6.58.
 TAC-72-4520
 PUB DATE - MAY72 134P.

DESCRIPTORS - *VOCATIONAL
 EDUCATION; *TECHNICAL EDUCATION;
 *INSTRUCTIONAL MATERIALS; *PROGRAM
 GUIDES; PROGRAM ADMINISTRATION;

VERBAL ABILITY; SCIENTIFIC
 METHODOLOGY; MATHEMATICAL
 EXPERIENCE; SECONDARY GRADES;
 *OCCUPATIONAL INFORMATION; SKILL
 DEVELOPMENT; ADMINISTRATIVE
 PRINCIPLES; EDUCATIONALLY
 DISADVANTAGED; *PREVOCATIONAL
 EDUCATION
 IDENTIFIERS - *PROGRAM
 IMPLEMENTATION

ABSTRACT - DEVELOPED IN A WORKSHOP
 BY PRINCIPALS, COUNSELORS, AND
 TEACHERS, THIS HANDBOOK IS DESIGNED
 TO SERVE AS A GUIDE FOR PROGRAM
 IMPLEMENTATION AND TO PRESENT AN
 ORIENTATION TO THE PRE-INDUSTRIAL
 PREPARATION PROGRAM. THE PRIMARY
 GOAL OF THE PROGRAM IS TO HELP
 ACADEMICALLY DEPRIVED STUDENTS
 IMPROVE THEIR BASIC VERBAL,
 SCIENTIFIC, AND MATHEMATICAL SKILLS
 BY CORRELATING THE SPECIFIC
 OCCUPATIONAL EXPERIENCES TO THESE
 ACADEMIC SKILLS. THREE NEW
 SUBPROGRAMS ARE OFFERED TO
 STUDENTS: (1) TO TAKE EMPLOYMENT AT
 ENTRY-LEVEL JOBS ON GRADUATION, (2)
 TO MOVE TOWARD OCCUPATIONAL
 SPECIALIZATION AT COMMUNITY
 COLLEGES, TRADE AND TECHNICAL
 SCHOOLS, OR IN APPRENTICESHIPS, AND
 (3) TO CONTINUE ON INTO PREPARATION
 FOR PROFESSIONS. SAMPLE
 OCCUPATIONAL UNITS OF INSTRUCTION
 ARE INCLUDED IN THE AREAS OF: (1)
 BUSINESS, (2) PERSONAL/PUBLIC
 SERVICE, (3) FOOD SERVICE, (4)
 CONSTRUCTION/CIVIL TECHNOLOGY, (5)
 ELECTRICAL/ELECTRONICS, (6)
 MECHANICAL, AND (7) GRAPHIC ARTS.
 LISTS OF STANDARD TOOLS AND
 EQUIPMENT, SAMPLE PLANS FOR
 IMPLEMENTATION, TASK ANALYSIS
 INFORMATION, A PROGRAM EVALUATION
 INSTRUMENT, COURSES OF STUDY, AND A
 BEHAVIOR DESCRIPTION SCALE ARE
 APPENDED. (GEB)

VT 015 788
 INVESTIGATING CAREER OPPORTUNITIES
 FOR THE FUTURE. CURRICULUM GUIDE
 (TENTATIVE).

LITTLE ROCK PUBLIC SCHOOLS, ARK.
 ARKANSAS STATE BOARD OF VOCATIONAL
 EDUCATION, LITTLE ROCK.
 MF AVAILABLE IN VT-ERIC SET.

CVTE-C00385-X-CCEM
 PUB DATE - ND 290P.PAES
 COLLECTION

DESCRIPTORS - *CURRICULUM GUIDES;
 *VOCATIONAL DEVELOPMENT; *SECONDARY
 GRADES; LEARNING LABORATORIES;
 *SIMULATION; *OCCUPATIONAL
 CLUSTERS; TEACHING PROCEDURES;
 VISUAL AIDS; BEHAVIORAL OBJECTIVES;
 RESOURCE MATERIALS; INDUSTRIAL
 ARTS; HOME ECONOMICS; BUSINESS;
 OCCUPATIONAL INFORMATION; TESTS;
 ANSWER KEYS; INSTRUCTIONAL AIDS
 IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS TENTATIVE
 CURRICULUM GUIDE ON CAREER
 EXPLORATION FOR THE JUNIOR HIGH
 SCHOOL GRADES CONTAINS SIMULATED
 WORK EXPERIENCES IN LABORATORIES
 FOR OCCUPATIONAL CLUSTERS IN
 INDUSTRIAL ARTS, HOME ECONOMICS,
 AND BUSINESS EDUCATION. DEVELOPED
 BY A CURRICULUM COMMITTEE OF
 EDUCATORS IN THESE SUBJECT AREAS,
 THE UNIT INCLUDES TEACHING
 PROCEDURES CORRELATED TO RESOURCE
 MATERIALS SUCH AS HANDOUTS AND
 TRANSPARENCIES. BEHAVIORAL
 OBJECTIVES, OCCUPATIONAL
 INFORMATION, PRE- AND POST-TESTS,
 AND OTHER EVALUATION METHODS ARE
 ALSO PROVIDED. ANSWER KEYS ARE
 GIVEN FOR THE TESTS AND WORKSHEETS.
 FIVE SUPPLEMENTARY FORMS COMPLETE
 THE INSTRUCTIONAL MATERIALS. (AG)

VT 015 808
 AUTO MECHANICS. PREVOCATIONAL
 FEEDER PROGRAM FOR GRADES 7 AND 8.

EASTON PUBLIC SCHOOLS, SOUTH
 EASTON, MASS.
 MF AVAILABLE IN VT-ERIC SET.
 CVTE-000046-X-CCEM
 PUB DATE - ND 59P.PAES
 COLLECTION

DESCRIPTORS - GRADE 7; GRADE 8;
 *AUTO MECHANICS (OCCUPATION);
 *TRADE AND INDUSTRIAL EDUCATION;
 *OCCUPATIONAL INFORMATION;
 *TEACHING GUIDES; RESOURCE
 MATERIALS; BEHAVIORAL OBJECTIVES;
 *PERFORMANCE CONTRACTS;
 BIBLIOGRAPHIES; CAREER CHOICE;
 LEARNING ACTIVITIES

IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS GUIDE FOR AN
 ORIENTATION COURSE ON AUTO
 MECHANICS FOR GRADES 7 AND 8,
 DEVELOPED BY THREE INDUSTRIAL
 OCCUPATIONS TEACHERS AND TWO
 ADMINISTRATORS, PROVIDES A
 RATIONALE AND OCCUPATIONAL
 INFORMATION ENABLING THE STUDENT TO
 DECIDE IF HE WANTS TO PURSUE THIS
 VOCATIONAL AREA FURTHER. A
 BIBLIOGRAPHY AND RESOURCE LISTS ARE
 INCLUDED, AS WELL AS INFORMATION ON
 JOB CATEGORIES AND WORKING
 CONDITIONS. LISTS OF BEHAVIORAL
 OBJECTIVES CORRELATED TO
 PERFORMANCE CONTRACTS SUPPLEMENT
 THE UNIT. LEARNING ACTIVITIES ARE
 GIVEN FOR EACH CONTRACT. (AG)

VT 015 820 ED 064 501
 JOLLY, WILLIAM W., ED.
 HANDS ON. A COMPREHENSIVE PROGRAM
 OF CAREER ORIENTATION FOR HIGH
 SCHOOL STUDENTS.

KNOX COUNTY DEPT. OF PUBLIC
 INSTRUCTION, KNOXVILLE. DEPT. OF
 VOCATIONAL EDUCATION.
 EDRS PRICE MF-\$0.65 HC-\$9.87.
 CVTE-000094-X-CCEM
 PUB DATE - 71 246P.PAES
 COLLECTION

DESCRIPTORS - *CAREER EDUCATION;
 VOCATIONAL EDUCATION; *OCCUPATIONAL
 INFORMATION; CAREER PLANNING;
 SECONDARY GRADES; SKILL
 DEVELOPMENT; EDUCATIONAL
 PHILOSOPHY; EDUCATIONAL OBJECTIVES;
 *LEARNING ACTIVITIES;
 *INSTRUCTIONAL MATERIALS; TEACHING
 GUIDES; *MANUALS; VOCATIONAL
 DEVELOPMENT; WORK ATTITUDES;
 DEVELOPMENTAL PROGRAMS
 IDENTIFIERS - *OCCUPATIONAL
 EXPLORATION; SELF AWARENESS; CAREER
 AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - THIS PUBLICATION IS THE
 COMPLETED PORTION OF THE HIGH
 SCHOOL SEGMENT OF A COMPREHENSIVE
 PROGRAM FOR CONTEMPORARY CURRICULUM
 DESIGN IN VOCATIONAL EDUCATION. THE
 ENTIRE PROGRAM EMBRACES CAREER
 DEVELOPMENT CURRICULUM FOR
 KINDERGARTEN THROUGH GRADE 12 AND

UTILIZES EXTENSIVE TEACHER-STUDENT PARTICIPATION IN THE DEVELOPMENT OF INSTRUCTIONAL MATERIALS. THIS DOCUMENT PRESENTS COMPLETED MATERIALS OF THE PLANNED FOUR MAJOR UNITS OF: (1) SELF-AWARENESS, (2) OCCUPATIONAL INFORMATION, (3) WORK ATTITUDES, AND (4) JOB EXPLORATION WITH HANDS-ON EXPERIENCES. THE FIRST CHAPTER IS DEVOTED TO A DISCUSSION OF CAREER ORIENTATION INCLUDING STATEMENTS OF PHILOSOPHY AND OBJECTIVES. THE SECOND CHAPTER INCLUDES INSTRUCTIONAL MATERIAL FOR THE UNIT ON JOB EXPLORATION WITH HANDS-ON EXPERIENCES. SPECIFIC TOPICS INCLUDE: (1) APPLIANCE SERVICE, (2) AUTO INDUSTRIES, (3) COMMERCIAL FOODS, (4) HEALTH OCCUPATIONS, (5) ORNAMENTAL HORTICULTURE, AND (6) WELDING. PERTINENT QUESTIONS AND ANSWERS REGARDING GENERAL OCCUPATION INFORMATION, AND ILLUSTRATED ACTIVITIES ARE PRESENTED FOR EACH TOPIC. (GEB)

VT 015 827 ED 065 670
OFFICIAL OCCUPATIONAL SKILLS PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION. A HANDBOOK FOR THE OCCUPATIONAL SKILLS PROGRAM FOR SPECIAL EDUCATION STUDENTS.

HAWAII STATE DEPT. OF EDUCATION,
HONOLULU. OFFICE OF INSTRUCTIONAL SERVICES.

EDRS PRICE MF-\$0.65 HC-\$6.58.
PUB-TAC-72-4221
PUB DATE - 71 129P.

DESCRIPTORS - SECONDARY GRADES;
HANDICAPPED STUDENTS; *SPECIAL
EDUCATION; SERVICES; *VOCATIONAL
DEVELOPMENT; BEHAVIORAL OBJECTIVES;
*JOB SKILLS; PROGRAM DESCRIPTIONS;
RESOURCE MATERIALS; LEARNING
ACTIVITIES; OCCUPATIONAL CLUSTERS;
PROGRAM EVALUATION; BIBLIOGRAPHIES;
*PREVOCATIONAL EDUCATION;
GUIDELINES; EMPLOYMENT
OPPORTUNITIES; MANUALS; *TEACHING
GUIDES; SKILL DEVELOPMENT
IDENTIFIERS - CAREER AWARENESS;
BEGINNING COMPETENCE

ABSTRACT - THIS HANDBOOK, FOR USE
IN A PREVOCATIONAL PROGRAM

PROVIDING SPECIAL EDUCATION STUDENTS IN HIGH SCHOOL WITH OCCUPATIONAL SKILLS, PROVIDES GUIDELINES AND TEACHING PROCEDURES FOR USE IN IMPLEMENTING A PROGRAM AT DISTRICT OR SCHOOL LEVEL. AN OVERALL DESCRIPTION OF THE PROGRAM DELINEATES ROLES AND RESPONSIBILITIES OF ALL PROGRAM PARTICIPANTS, AND SUGGESTED OCCUPATIONAL SKILLS UNITS PROVIDE LEARNING ACTIVITIES FOR THE HANDICAPPED, RESOURCE LISTS, AND BEHAVIORAL OBJECTIVES FOR SPECIFIC JOBS WITHIN NINE OCCUPATIONAL CLUSTERS. FOR EACH OF THOSE JOBS OR GROUPS OF JOBS, RELATED SUBJECT AREAS AND MATERIALS LISTS ARE CORRELATED WITH SPECIFIC OCCUPATIONAL EXPERIENCES. PROGRAM EVALUATION SHEETS, A VOCABULARY LIST, A BIBLIOGRAPHY, AND GENERALIZATIONS FOR CAREER EDUCATION COMPLETE THE HANDBOOK, DEVELOPED BY TEACHERS, COUNSELORS, ADMINISTRATORS, AND REPRESENTATIVES FROM ORGANIZED LABOR. (AG)

VT 015 941
VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.

PENNSYLVANIA STATE DEPT. OF JUSTICE, HARRISBURG. BUREAU OF CORRECTION.

OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000557-X-CCEM
PUB DATE - 01JAN71 768P. PAES
COLLECTION

DESCRIPTORS - *OCCUPATIONAL
CLUSTERS; *TRANSPORTATION; *TRADE
AND INDUSTRIAL EDUCATION; BASIC
SKILLS; TECHNICAL OCCUPATIONS;
*TEACHING GUIDES; INTEGRATED
CURRICULUM; CONCEPTUAL SCHEMES;
RESOURCE MATERIALS; *MECHANICAL
EQUIPMENT; BIBLIOGRAPHIES; TEACHING
PROCEDURES; INDIVIDUALIZED
INSTRUCTION; BEHAVIORAL OBJECTIVES;
PERFORMANCE CRITERIA; TIME BLOCKS;
SECONDARY GRADES
IDENTIFIERS - ELEMENTARY AND
SECONDARY EDUCATION ACT TITLE I;
CAREER AWARENESS; ESEA TITLE I;

BEGINNING COMPETENCE; EMPLOYMENT SKILLS

ABSTRACT - THIS INSTRUCTIONAL UNIT CONSISTS OF SEVEN TEACHING GUIDES COVERING OCCUPATIONAL CLUSTERS IN TRANSPORTATION INDUSTRIES, SUCH AS AUTOMOTIVE SERVICES AND FARM EQUIPMENT. THESE PRIMARILY TECHNICAL MATERIALS FOR AN INTEGRATED CURRICULUM ARE INTENDED TO PROVIDE STUDENTS WITH ENTRY LEVEL SKILLS IN THE TRANSPORTATION AREAS. EACH SEPARATE GUIDE, GEARED FOR INDIVIDUALIZED INSTRUCTION, IS BROKEN DOWN INTO 20 UNITS WITH LESSON PLANS, GIVING 120 CLASSROOM HOURS OF INSTRUCTION. EACH LESSON STATES THE SUBJECT AREA, A BEHAVIORAL OBJECTIVE, LISTS OF RESOURCES, REFERENCES, AND EQUIPMENT, TOGETHER WITH TEACHING PROCEDURES AND GENERALIZATIONS. TECHNICAL CONCEPTS AND DEVELOPMENTAL IDEAS IN RELATED AREAS SUCH AS SCIENCE, MATH, COMMUNICATIONS, AND SOCIAL STUDIES ARE PRESENTED IN THREE-COLUMN FORMAT. LEARNING ACTIVITIES, QUESTIONS TO USE AS EVALUATION GUIDELINES, AND SUGGESTED TIME BLOCKS ARE PROVIDED. A BIBLIOGRAPHY COMPLETES EACH GUIDE. (AG)

VT 015 948

INDUSTRIAL ARTS. TENTATIVE COURSE OUTLINE. AUTHORIZED COURSE OF INSTRUCTION FOR THE QUINMESTER PROGRAM.

DADE COUNTY PUBLIC SCHOOLS, MIAMI, FLA. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 71 622P.

DESCRIPTORS - *INDUSTRIAL EDUCATION; *INDUSTRIAL ARTS; *UNITS OF STUDY (SUBJECT FIELDS); ACTIVITY UNITS; BIBLIOGRAPHIES; POST TESTS; BEHAVIORAL OBJECTIVES; RESOURCE MATERIALS; *COURSE DESCRIPTIONS; INSTRUCTIONAL INNOVATION; *EXPERIMENTAL CURRICULUM; GRAPHIC ARTS; CAREER PLANNING; METALS IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE; WOODWORKING; ELECTRICITY; MANUFACTURING

ABSTRACT - THESE 30 TENTATIVE UNITS OF STUDY MAKING UP COURSES IN VOCATIONAL, TECHNICAL, OR ADULT EDUCATION FOR AN INDUSTRIAL ARTS PROGRAM PRESENT A VARIETY OF ACTIVITIES IN SUBJECTS SUCH AS METALS, WOODWORKING, ELECTRICITY, MANUFACTURING, AND GRAPHIC ARTS. SIX UNITS DISCUSS CAREERS INVOLVING INDUSTRIAL SKILLS, SUCH AS CONTRACTOR AND ARCHITECT. INNOVATIVE TOPICS INCLUDE INDUSTRIAL FIELD TRIPS, HOME REPAIRS, DESIGN, DESCRIPTIVE GEOMETRY, AND OFFSET PHOTOGRAPHY. BEGINNING, INTERMEDIATE, AND ADVANCED TOPICS IN EACH MAJOR INDUSTRIAL ARTS AREA ARE INCLUDED. THE UNIT TIME SPANS ARE GENERALLY 45 SEPARATE CLASSROOM HOURS, FIVE TIMES WEEKLY FOR NINE WEEKS, BROKEN DOWN INTO SUGGESTED TIME ALLOTMENTS FOR EACH ACTIVITY. PREPARED BY TEACHERS FROM DADE COUNTY, FLORIDA, AND SUBMITTED BY AN INDUSTRIAL ARTS CONSULTANT, EACH SEPARATE COURSE OUTLINE INCLUDES A CURRICULUM DESCRIPTION, PREFACE, GENERAL AND SPECIFIC PERFORMANCE OBJECTIVES, AND UNIT PREREQUISITES. SAMPLE POST TESTS AND BIBLIOGRAPHIES ENRICH THE ACTIVITY UNITS. (AG)

VT 015 963

AUTO ASSEMBLY JOBS. WORLD OF WORK.

WISCONSIN STATE DEPT. OF INDUSTRY, LABOR AND HUMAN RELATIONS, MADISON.; WISCONSIN STATE EMPLOYMENT SERVICE, MADISON. OCCUPATIONAL ANALYSIS FIELD CENTER.

MF AVAILABLE IN VT-ERIC SET.

SER-60-12-71-WS-3176

PUB DATE - ND 67P.

DESCRIPTORS - PAMPHLETS; *OCCUPATIONAL INFORMATION; CAREER OPPORTUNITIES; VOCATIONAL EDUCATION; INDEXES (LOCATORS); PHOTOGRAPHS; *PRODUCTION TECHNICIANS; *ASSEMBLY (MANUFACTURING); *MOTOR VEHICLES; INDUSTRIAL EDUCATION; MANUFACTURING IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS BOOKLET DESCRIBES PRODUCTION LINE JOBS FOUND IN THE

ASSEMBLY DIVISION OF AUTOMOBILE MANUFACTURING, AND DISCUSSES THE HISTORY OF THE AUTOMOBILE, JOBS IN A SMALL ASSEMBLY PLANT, AND CAREER OPPORTUNITIES IN THE FIELD. DEVELOPED BY VOCATIONAL EDUCATORS AND LEADERS IN INDUSTRY, THE PAMPHLET INCLUDES A JOB INDEX KEYED TO THE DICTIONARY OF OCCUPATIONAL TITLES AND A CAREER LADDER DIAGRAM. PHOTOGRAPHS AND CHARTS ILLUSTRATE THE TEXT. (AG)

VT 016 029
GUIDE TO FEDERAL CAREER LITERATURE.

CIVIL SERVICE COMMISSION,
WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000624-X-PAES
PUB DATE - ND 37P.PAES
COLLECTION

DESCRIPTORS - *CAREER OPPORTUNITIES; CAREER EDUCATION; *GOVERNMENT PUBLICATIONS; REFERENCE MATERIALS; PAMPHLETS; INDEXES (LOCATORS); GOVERNMENT (ADMINISTRATIVE BODY); *RESOURCE GUIDES; *COLLEGE GRADUATES; CHARTS; *DIRECTORIES; ANNOTATED BIBLIOGRAPHIES; SECONDARY GRADES; POST SECONDARY EDUCATION IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS RESOURCE GUIDE TO FEDERAL RECRUITING LITERATURE ON CAREER OPPORTUNITIES FOR COLLEGE GRADUATES BRIEFLY DESCRIBES 246 PAMPHLETS AND BROCHURES FROM 46 DEPARTMENTS AND AGENCIES. USED IN NATIONWIDE RECRUITING FOR ENTRY-LEVEL POSITIONS, THE PUBLICATIONS ARE LISTED ALPHABETICALLY BY AGENCY AND INCLUDE APPLICABLE COLLEGE MAJORS, GEOGRAPHIC LOCATION OF JOBS COVERED, AND WHERE TO OBTAIN COPIES. AN ALPHABETICAL INDEX OF MAJOR FIELDS OF STUDY, KEYED TO THE PUBLICATIONS, IS PROVIDED. A CHART OUTLINES THE BASIC PROCEDURES INVOLVED IN APPLYING FOR A FEDERAL JOB. (AG)

VT 016 179
ESPENSCHIED, R.F.
METAL INERT GAS (MIG) WELDING.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VAS-3037
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, URBANA, ILLINOIS 61801 (\$0.55)
PUB DATE - 72 44P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; *UNITS OF STUDY (SUBJECT FIELDS); *WELDING; *AGRICULTURAL ENGINEERING; METALS; INSTRUCTIONAL MATERIALS

ABSTRACT - PREPARED FOR SECONDARY AND POST-SECONDARY STUDENTS BY A UNIVERSITY AGRICULTURAL DEPARTMENT, THIS INSTRUCTIONAL UNIT ON WELDING GIVES DETAILED COVERAGE TO SUCH TOPICS AS: (1) SELECTION OF EQUIPMENT, (2) ADJUSTING, SETTING UP AND MAINTAINING EQUIPMENT, AND (3) PROCEDURES USED IN WELDING DIFFERENT KINDS OF METAL. OPERATIONAL PROBLEMS WITH POSSIBLE CAUSES AND REMEDIES ARE DESCRIBED FOR A VARIETY OF SITUATIONS OF NON FUNCTIONING OF EQUIPMENT. IN ADDITION, THE DOCUMENT HAS NUMEROUS TABLES, WORKING DIAGRAMS, AND TROUBLE SHOOTING GUIDES, AS WELL AS REFERENCES RELATED TO THE TEXT. (DM)

VT 016 253
ESPENSCHIED, R.F.
TUNGSTEN INERT GAS (TIG) WELDING.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VAS-3036
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, URBANA, ILLINOIS 61801 (\$0.40)
PUB DATE - 72 30P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; *UNITS OF STUDY (SUBJECT FIELDS); *WELDING; *AGRICULTURAL ENGINEERING; ILLUSTRATIONS; METALS; *INSTRUCTIONAL MATERIALS

ABSTRACT - DEVELOPED BY A UNIVERSITY AGRICULTURAL DEPARTMENT

FOR SECONDARY AND POST-SECONDARY STUDENTS, THIS UNIT GIVES COVERAGE TO TUNGSTEN INERT GAS WELDING, INCLUDING SELECTION OF EQUIPMENT, ADJUSTING, SETTING UP AND MAINTAINING THE EQUIPMENT, AND PROVIDES TECHNIQUES AND PROCEDURES USED IN WELDING DIFFERENT KINDS OF METALS. IN ADDITION, THE UNIT HAS NUMEROUS TABLES, PICTORIAL DIAGRAMS, TROUBLE SHOOTING GUIDES, AS WELL AS A LIST OF REFERENCES RELATED TO TUNGSTEN INERT GAS WELDING. (DM)

VT 016 268
MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.

GEORGIA STATE DEPT. OF EDUCATION,
ATLANTA. DIV. OF VOCATIONAL
EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 174P.

DESCRIPTORS - *INDUSTRIAL
EDUCATION; *INDUSTRIAL ARTS;
*CURRICULUM GUIDES; *TEACHING
GUIDES; MIDDLE GRADES; TEACHING
TECHNIQUES; LEARNING ACTIVITIES;
BUSINESS EDUCATION; *MODELS; LESSON
PLANS; EDUCATIONAL PHILOSOPHY;
BEHAVIORAL OBJECTIVES
IDENTIFIERS - *GEORGIA

ABSTRACT - THIS INSTRUCTIONAL MODEL, DEVELOPED BY 34 GRADUATE STUDENTS, AN EDUCATION PROFESSIONS DEVELOPMENT ACT (EPDA) INSTITUTE, 11 INDUSTRIAL ARTS TEACHERS AND NINE JUNIOR HIGH SCHOOL COUNSELORS, IS BASED ON THE PHILOSOPHY STATED IN "CURRICULUM FRAMEWORK FOR GEORGIA SCHOOLS." PRIMARILY FOR GRADES 8 OR 9, IT IS INTENDED AS A FLEXIBLE COURSE WHICH CAN BE ADAPTED TO LOCAL NEEDS THROUGHOUT THE STATE SERVING AS A GUIDE TO THE TEACHER AND THE ADMINISTRATOR OF A 1-YEAR INTRODUCTORY INDUSTRIAL ARTS COURSE. FOLLOWING AN INTRODUCTION OF THE MODEL, PLANS FOR 21 LESSONS ARE PRESENTED WITH NOTES TO THE INSTRUCTOR, BEHAVIORAL OBJECTIVES, SUGGESTED TIME REQUIRED, INSTRUCTIONAL AIDS, STUDENT ACTIVITIES IN DETAIL, SUGGESTED COUNSELOR INTERACTION AND

DEMONSTRATIONS, AND A LIST OF SUMMARY QUESTIONS FOR THE TOPIC. AN EXTENSIVE INSTRUCTIONAL AIDS APPENDIX IS INCLUDED. (MU)

VT 016 375
COURSE OUTLINE FOR GENERAL WOODWORKING.

TENNESSEE STATE BOARD FOR
VOCATIONAL EDUCATION, NASHVILLE.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - OCT71 20P.

DESCRIPTORS - *TRADE AND INDUSTRIAL
EDUCATION; CONSTRUCTION (PROCESS);
*VOCATIONAL DEVELOPMENT; SECONDARY
GRADES; *WOODWORKING; *INDUSTRIAL
EDUCATION; BEHAVIORAL OBJECTIVES;
RESOURCE MATERIALS; TIME BLOCKS
IDENTIFIERS - CAREER AWARENESS;
EMPLOYMENT SKILLS; BEGINNING
COMPETENCE; *COURSE CONTENT

ABSTRACT - THIS BASIC COURSE OUTLINE IS FOR A 2-YEAR, 1080-HOUR VOCATIONAL COURSE IN GENERAL WOODWORKING AT THE HIGH SCHOOL LEVEL, MEETING THREE HOURS PER DAY, FIVE DAYS PER WEEK. IT CONTAINS A RATIONALE, THREE BEHAVIORAL OBJECTIVES, TIME ALLOTMENTS FOR THE MATERIAL COVERED, AND A RESOURCE LIST. FOURTEEN INSTRUCTIONAL BLOCKS ARE BRIEFLY OUTLINED, AND A BIBLIOGRAPHY IS PROVIDED. ABOUT ONE THIRD OF THE COURSE IS RELATED TO THEORY, MATHEMATICS, AND SIMILAR AREAS WHILE THE REMAINDER OF THE COURSE IS SPENT IN PRACTICAL APPLICATION TO DEVELOP ENTRY-LEVEL JOB SKILLS. (AG)

VT 016 524 ED 068 627
MOORE, ALLEN B.
ABSTRACTS OF INSTRUCTIONAL
MATERIALS FOR CAREER EDUCATION.

OHIO STATE UNIV., COLUMBUS. CENTER
FOR VOCATIONAL AND TECHNICAL
EDUCATION.
NATIONAL INST. FOR EDUCATION
(DHEW), WASHINGTON, D.C.
EDRS PRICE MF-\$0.65 HC-\$6.58.
BIB-SER-15
THE CENTER FOR VOCATIONAL AND
TECHNICAL EDUCATION, 1960 KENNY
RD., COLUMBUS, OHIO 43210 (\$2.25)

PUB DATE - 72 126P.

DESCRIPTORS - *CAREER EDUCATION;
*ABSTRACTS; *ANNOTATED
BIBLIOGRAPHIES; *INSTRUCTIONAL
MATERIALS; RESOURCE MATERIALS;
CURRICULUM GUIDES; TEACHING GUIDES;
MANUALS; INDEXES (LOCATORS)

ABSTRACT - MATERIALS DESCRIBED IN THIS BIBLIOGRAPHY WERE SELECTED FROM THOSE ACQUIRED AS THE RESULT OF A NATIONAL SEARCH FOR CAREER EDUCATION INSTRUCTIONAL MATERIALS. THEY INCLUDE CURRICULUM UNITS, TEACHER GUIDES, HANDBOOKS, AND CAREER RELATED INSTRUCTIONAL MATERIALS. THE RESUMES ARE ARRANGED IN ACCESSION NUMBER ORDER AND INCLUDE THE FOLLOWING INFORMATION: (1) AUTHOR(S), (2) TITLE, (3) INSTITUTIONAL SOURCE, (4) SPONSORING AGENCY, (5) SOURCE OF AVAILABILITY, (6) DESCRIPTORS AND IDENTIFIERS WHICH CHARACTERIZE THE CONTENT OF THE DOCUMENT, AND (7) AN ABSTRACT OF THE DOCUMENT. A GRADE LEVEL INDEX IS PROVIDED TO HELP IDENTIFY DOCUMENTS FOR SPECIFIC GRADES. THESE DOCUMENTS ALSO HAVE BEEN ANNOUNCED IN "ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION", A PUBLICATION OF THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, AND MOST OF THEM ARE AVAILABLE IN THE MICROFICHE SETS WHICH SUPPORT THAT PUBLICATION. (JS)

VT 016 648 ED 067 490
MICROFICHE COLLECTION OF
CLEARINGHOUSE DOCUMENTS REPORTED IN
ABSTRACTS OF INSTRUCTIONAL
MATERIALS IN VOCATIONAL AND
TECHNICAL EDUCATION (AIM), VOLUME
5, NUMBER 4.

OHIO STATE UNIV., COLUMBUS. CENTER
FOR VOCATIONAL AND TECHNICAL
EDUCATION.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
EDRS PRICE MF-\$0.65 HC NOT
AVAILABLE FROM EDRS.
PUB DATE - 72 27013P.

DESCRIPTORS - *INSTRUCTIONAL

MATERIALS; *VOCATIONAL EDUCATION;
*TECHNICAL EDUCATION; BUSINESS
EDUCATION; AGRICULTURAL EDUCATION;
DISTRIBUTIVE EDUCATION; HEALTH
OCCUPATIONS EDUCATION; HOME
ECONOMICS EDUCATION; INDUSTRIAL
ARTS; TRADE AND INDUSTRIAL
EDUCATION; INDEXES (LOCATORS);
CLEARINGHOUSES; *MICROFICHE;
DOCUMENTATION; INFORMATION STORAGE;
INFORMATION RETRIEVAL

ABSTRACT - DOCUMENTS ANNOUNCED WITH VT NUMBERS ONLY IN VOLUME 5, NUMBER 4 (VT 016 647) OF "ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (AIM) ARE INCLUDED IN THIS MICROFICHE SET. THE MICROFICHE SET IS ARRANGED IN THE FOLLOWING SEQUENCE: (1) A VOCATIONAL TECHNICAL (VT) NUMBER INDEX TO DOCUMENTS IN THE MICROFICHE COLLECTION, (2) THE SUBJECT AND AUTHOR INDEXES FROM AIM, AND (3) THE FULL TEXT OF DOCUMENTS LISTED IN THE VT NUMBER INDEX. THE TEXTS ARE FILMED CONTINUOUSLY IN VT NUMBER SEQUENCE. (CD)

VT 016 658
COMMUNICATIONS: INDUSTRIAL
EDUCATION CURRICULUM GUIDE.
INSTRUCTIONAL MATERIALS FOR USE
WITH DISADVANTAGED STUDENTS IN
VOCATIONAL EDUCATION.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT.
OF VOCATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG71 166P.

DESCRIPTORS - *DISADVANTAGED YOUTH;
*VOCATIONAL EDUCATION; VOCATIONAL
DEVELOPMENT; SECONDARY GRADES;
BEHAVIORAL OBJECTIVES; WORKSHEETS;
RESOURCE MATERIALS; EVALUATION
TECHNIQUES; *COMMUNICATIONS;
*CURRICULUM GUIDES; *TRADE AND
INDUSTRIAL EDUCATION; TEACHING
PROCEDURES; LEARNING ACTIVITIES;
GRAPHIC ARTS; PHOTOGRAPHY;
ENGINEERING DRAWING
IDENTIFIERS - EDUCATIONAL
AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS COLOR-KEYED MODEL
CURRICULUM GUIDE FOR A 1-SEMESTER

COURSE IN COMMUNICATIONS AT THE SECONDARY LEVEL CONTAINS FOUR TABBED UNITS OF INSTRUCTION: (1) BEGINNING MECHANICAL DRAWING, (2) BEGINNING PHOTOGRAPHY, (3) BEGINNING GRAPHIC ARTS, AND (4) APPENDED RESOURCE MATERIALS. INTENDED FOR DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION, THESE INSTRUCTIONAL MATERIALS INCLUDE FOR EACH TOPIC, BEHAVIORAL OBJECTIVES, TEACHING PROCEDURES, LEARNING ACTIVITIES, AND TIME ALLOTMENTS. RESOURCE LISTS, SUPPLIES AND EQUIPMENT LISTS, STUDENT WORKSHEETS, AND EVALUATION ITEMS ARE PROVIDED. THIS DOCUMENT, DEVELOPED BY VOCATIONAL TEACHERS AND SUPERVISORS AT THE HIGH SCHOOL LEVEL, IS 3-HOLE PUNCHED FOR EASE IN ADDITION AND INSERTION OF SHEETS. (AG)

VT 016 659

MURPHY, JOHN O., JR.
SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.

LOUISIANA STATE DEPT. OF PUBLIC EDUCATION, BATON ROUGE.
MF AVAILABLE IN VT-ERIC SET.
BULL-1203
PUB DATE - 71 75P.

DESCRIPTORS - *GUIDES; *SAFETY EDUCATION; *ACCIDENT PREVENTION; *EQUIPMENT UTILIZATION; *INDUSTRIAL ARTS; SAFETY IDENTIFIERS - LOUISIANA; EQUIPMENT

ABSTRACT - DESIGNED FOR THE PURPOSE OF ASSISTING INDUSTRIAL ARTS INSTRUCTORS IN DEVELOPING A COMPREHENSIVE SAFETY PROGRAM, THIS GUIDE CONTAINS INFORMATION REGARDING GENERAL SAFETY HABITS AS WELL AS RULES CONCERNING THE PROPER USE OF EQUIPMENT. THE DATA PRESENTED WERE ADOPTED FROM BULLETINS PREPARED BY DEPARTMENTS OF EDUCATION AND RELATED AGENCIES IN SEVERAL STATES. COVERED ARE THESE TOPICS: (1) INSTRUCTOR LIABILITY, (2) HOW TO PLAN TEACHING OF SAFETY INSTRUCTIONS, (3) EVALUATION OF SAFETY INSTRUCTION, (4) HOW TO PREPARE A SAFETY TEST, (5) CAUSES OF ACCIDENTS, (6)

INDUSTRIAL ARTS

EMERGENCY ACTION, (7) THE FIVE "E'S" OF SAFETY EDUCATION, (8) GENERAL SAFETY EDUCATION, (8) AREAS OF INDUSTRIAL INSTRUCTION FOR ALL AUTOMOTIVE AND POWER MECHANICS EQUIPMENT, (9) ELECTRICAL AND ELECTRONIC EQUIPMENT, (11) GRAPHIC ARTS EQUIPMENT, (12) METALWORKING EQUIPMENT, AND (13) WOODWORKING EQUIPMENT. (SN)

VT 016 677

METALS AND MECHANICAL CLUSTERS.

LEBANON UNION HIGH SCHOOL, OREG.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUN70 56P.

DESCRIPTORS - *CURRICULUM GUIDES; SECONDARY GRADES; *EDUCATIONAL OBJECTIVES; *COURSE CONTENT; *LEARNING ACTIVITIES; *METAL WORKING OCCUPATIONS; TEACHING GUIDES IDENTIFIERS - CAREER AWARENESS; EMPLOYMENT SKILLS

ABSTRACT - THIS CURRICULUM GUIDE ON METALS AND MECHANICAL CLUSTERS INCLUDES AN 18-WEEK COURSE OUTLINE FOR WELDING, AND INFORMATION PLUS REQUIREMENTS ABOUT AN 18-WEEK MACHINE SHOP COURSE AND AN 18-WEEK POWER SHOP COURSE. THE COURSE OUTLINE CONTAINS AN EXTENSIVE DESCRIPTION OF CONTENT, MATERIAL, INSTRUCTIONAL OBJECTIVES, CLASSROOM ACTIVITIES, AND LABORATORY ACTIVITIES PRESENTED IN A 3-COLUMN FORMAT FOR THE INSTRUCTOR'S USE IN THE CLASSROOM. (DL)

VT 016 760

RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.

DEPARTMENT OF LABOR, WASHINGTON, D.C. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 31P.

DESCRIPTORS - *GOVERNMENT PUBLICATIONS; *EMPLOYERS; EQUAL PROTECTION; FEDERAL LAWS; *PUBLIC HEALTH LAWS; *LEGAL RESPONSIBILITY; EMPLOYEES

INDUSTRIAL ARTS

IDENTIFIERS - OSHA; OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970; *RECORDKEEPING

TOOLS AND PROCEDURES. UNITS INCLUDE: (1) LEARNING TO MEASURE, (2) USING BENCH TOOLS, (3) INTRODUCTION TO MACHINE SHOP PRACTICES, (4) SPECIAL INFORMATION, AND (5) PROJECT SUGGESTIONS. ALSO INCLUDED ARE AN APPENDIX, INDEX, AND BIBLIOGRAPHY. (PM)

VT 017 073

PAUTLER, ALBERT J. TEACHING SHOP AND LABORATORY SUBJECTS. THE MERRILL SERIES IN CAREER PROGRAMS.

DOCUMENT NOT AVAILABLE FROM EDRS. 5054-08125

CHARLES E. MERRILL PUB. CO., 1300 ALUM CREEK DR., COLUMBUS, OH 43216
PUB DATE - 71 185P. PMM
COLLECTION

DESCRIPTORS - CAREER EDUCATION; TEXTBOOKS; VOCATIONAL EDUCATION; *SHOP CURRICULUM; TECHNICAL EDUCATION; TRADE AND INDUSTRIAL EDUCATION; *TRADE AND INDUSTRIAL TEACHERS; VOCATIONAL EDUCATION TEACHERS; *LESSON PLANS; *BEGINNING TEACHERS; TEACHING METHODS; INDUSTRIAL ARTS; EVALUATION

ABSTRACT - THIS BOOK WAS WRITTEN BY A PROFESSOR OF EDUCATION AT THE STATE UNIVERSITY OF NEW YORK AT BUFFALO FOR BOTH PRE-SERVICE AND IN-SERVICE VOCATIONAL, TECHNICAL, AND INDUSTRIAL ARTS TEACHERS AND ANYONE RESPONSIBLE FOR TEACHING A SHOP OR LABORATORY SUBJECT IN THE PUBLIC SCHOOLS, THE MILITARY, OR PRIVATE INDUSTRY. THE FIRST PART OF THE BOOK DEALS WITH THE PREPARATIONS A TEACHER SHOULD MAKE BEFORE HIS CLASSES ACTUALLY BEGIN. SUCH THINGS AS OBJECTIVES OF EDUCATION, SCHOOL POLICIES AND SERVICES, AND SHOP ORGANIZATION AND MANAGEMENT ARE COVERED. AN IN DEPTH STUDY OF LESSON PLANNING, THE ORGANIZATION OF TEACHING MATERIALS, AND MATERIAL TO BE TAUGHT MAKE UP THE SECOND SECTION. THE THIRD PART COVERS THE PRESENTATION ASPECT OF TEACHING INCLUDING THE FIRST DAY PROCEDURES, THE TEACHING-LEARNING SITUATION, AND AIDS AND METHODS OF INSTRUCTION. A CLOSING SECTION

ABSTRACT - THIS BOOKLET CONSISTS OF A BATTERY OF INFORMATION RELATIVE TO THE RECORD KEEPING RESPONSIBILITIES OF EMPLOYERS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970. THE ACT WAS DEVELOPED PRIMARILY TO ENSURE MAXIMUM SAFETY AND HEALTH PROTECTION IN THE LINE OF DUTY TO EMPLOYEES. THEREFORE, IN AN EFFORT TO PROVIDE EMPLOYERS WITH ENOUGH DATA ON THE SUBJECT, THIS PUBLICATION WAS DESIGNED. INCLUDED IN IT ARE THE FOLLOWING: (1) A SUMMARY OF THE ACT, (2) ACCIDENT AND FATALITY FORMS TO BE COMPLETED WHEN AND IF EITHER SHOULD OCCUR, (3) A CHART LISTING CONDITIONS OF THE ACT REQUIRED TO BE IN EASILY ACCESSIBLE VIEW AT ALL TIMES, (4) A LETTER OF SPECIAL INTEREST TO EMPLOYERS, AND (5) A DETAILED EXPLANATION OF THE RULES AND REGULATIONS. (DN)

VT 017 069

JOHNSON, HAROLD V. GENERAL INDUSTRIAL MACHINE SHOP.

DOCUMENT NOT AVAILABLE FROM EDRS. 5004-08357

CHAS. A. BENNETT CO., INC., 809 W. DETWEILLER DRIVE, PEORIA, IL 60614
PUB DATE - 70 413P. PMM
COLLECTION; REVISED EDITION

DESCRIPTORS - CAREER EDUCATION; MANUFACTURING; *MACHINERY INDUSTRY; *MACHINE TOOLS; INDEPENDENT STUDY; TEACHING TOOLS; PROCEDURES; BIBLIOGRAPHIES; *TEXTBOOKS; ILLUSTRATIONS; *INDUSTRIAL EDUCATION; SECONDARY GUIDES; *SHOP CURRICULUM IDENTIFIERS - CAREER BEGINNING COMPETENCE AWARENESS;

ABSTRACT - SUITABLE FOR GROUP OR INDIVIDUAL INSTRUCTION, THIS TEXTBOOK IS DESIGNED FOR GRADES 10, 11 AND 12. EMPHASIS IS PLACED ON THE TOOLS, MATERIALS AND PROCESSES OF THE INDUSTRIAL WORLD. NUMEROUS ILLUSTRATIONS IDENTIFY IMPORTANT



DEALS WITH BOTH THE THEORETICAL AND PRACTICAL SIDES OF EVALUATION AND GRADING. AS AN AID TO TEACHERS AND STUDENTS, EACH CHAPTER IS DIVIDED INTO FOUR SECTIONS: (1) PRESENTATION OF NEW MATERIAL, (2) DISCUSSION QUESTIONS, (3) ASSIGNMENTS, AND (4) ADDITIONAL REFERENCES. (PM)

VT 017 077
WILBER, GORDON O.; PENDERED, NORMAN C.
INDUSTRIAL ARTS IN GENERAL EDUCATION.

DOCUMENT NOT AVAILABLE FROM EDRS.
7108-05848
INTERNATIONAL TEXTBOOK CO., 257
PARK AVE. S., NEW YORK, NY 10010
PUB DATE - 67 403P. PMM
COLLECTION; THIRD EDITION

DESCRIPTORS - CAREER EDUCATION;
ADMINISTRATOR GUIDES; *INDUSTRIAL
ARTS; VOCATIONAL EDUCATION; TRADE
AND INDUSTRIAL EDUCATION;
PHOTOGRAPHS; *TEACHER EDUCATION;
*TEACHER EDUCATION CURRICULUM;
*INDUSTRIAL ARTS TEACHERS; TESTS

ABSTRACT - THIS TEXTBOOK FOR COLLEGE CLASSES AND TEACHERS OF INDUSTRIAL ARTS DEFINES THE OBJECTIVES OF INDUSTRIAL ARTS. UP-TO-DATE PHOTOGRAPHS SUPPLEMENT THE TEXTUAL MATERIAL. VISUAL AIDS COVERAGE IS PROVIDED, INCLUDING WRITTEN MATERIALS, PROGRAMED INSTRUCTION, OVERHEAD TRANSPARENCY PROJECTIONS, 8MM CONCEPT FILM LOOPS, AND CLOSED-CIRCUIT TELEVISION IN THE CLASSROOM. THIS TEXT SHOULD BE OF VALUE TO THE SCHOOL ADMINISTRATOR WHO WISHES TO BE INFORMED ABOUT THE ROLE OF INDUSTRIAL ARTS IN GENERAL EDUCATION. FOLLOWING THE 22 CHAPTERS ARE THREE APPENDIXES DEALING WITH VOCABULARY, APPLICATION TESTS, AND A CHECK LIST ON THE USE AND CARE OF TOOLS. (PM)

VT 017 125
LISTON, ROBERT A.
YOUR CAREER IN TRANSPORTATION.

DOCUMENT NOT AVAILABLE FROM EDRS.

7251-07399
JULIAN MESSNER INC., 1 WEST 39
STREET, NEW YORK, NEW YORK 10018
(\$3.64)
PUB DATE - 66 192P. PMM
COLLECTION

DESCRIPTORS - *TRANSPORTATION;
SECONDARY GRADES; *GUIDANCE; CAREER
EDUCATION; MARKETING; BUS
TRANSPORTATION; RAIL
TRANSPORTATION; AIRCRAFT PILOTS;
*OCCUPATIONAL INFORMATION;
*OCCUPATIONS; *CAREER
OPPORTUNITIES; AEROSPACE INDUSTRY
IDENTIFIERS - EDUCATIONAL
AWARENESS; CAREER AWARENESS;
ECONOMIC AWARENESS

ABSTRACT - DESIGNED FOR GRADES 10-12, THIS BOOK DISCUSSES THE MAJOR SYSTEMS OF TRANSPORTATION IN THE UNITED STATES, TRACES THEIR DEVELOPMENT, AND CITES THEIR GROWTH POTENTIAL. SPECIFICALLY, IT DEALS WITH AIR TRANSPORT, BUSES, TRUCKING, AND RIVER AND CANAL TRAFFIC. IT PRESENTS CAREER OPPORTUNITIES IN EACH AREA AND COVERS THE RANGES OF THEIR RESPECTIVE PAY SCALES. PERSONAL HISTORIES ARE PRESENTED TO HIGHLIGHT THE BROAD SCOPE OF JOB OPPORTUNITIES. (PM)

VT 017 185 ED 068 685
INDUSTRIAL ARTS IN THE ELEMENTARY
SCHOOL PROGRAM: MOTIVATION FOR
LEARNING IN KINDERGARTEN TO GRADE
4.

NEW YORK CITY BOARD OF EDUCATION,
BROOKLYN, N.Y. BUREAU OF CURRICULUM
DEVELOPMENT.

DOCUMENT NOT AVAILABLE FROM EDRS.
BOARD OF EDUCATION OF THE CITY OF
NEW YORK, PUBLICATIONS SALES
OFFICE, 110 LIVINGSTON ST.,
BROOKLYN, N.Y. 11201 (\$5.00)
PUB DATE - FEB69 254P.

DESCRIPTORS - *INDUSTRIAL ARTS;
*CURRICULUM GUIDES; *ELEMENTARY
GRADES; *INTEGRATED CURRICULUM;
UNIT PLAN; LEARNING ACTIVITIES;
ELEMENTARY SCHOOL CURRICULUM; *SHOP
CURRICULUM

ABSTRACT - BASED ON AN EXPERIMENTAL PROJECT CONDUCTED IN SIX ELEMENTARY SCHOOLS IN NEW YORK CITY, THIS CURRICULUM GUIDE CONTAINS SUGGESTED TOPICS TO ILLUSTRATE HOW INDUSTRIAL ARTS ACTIVITIES CAN BE CORRELATED WITH CLASSROOM LEARNINGS. THE MATERIALS ARE PLANNED FOR IMPLEMENTATION FROM KINDERGARTEN TO GRADE 4, WITH TEACHER AND STUDENT SHOP-BASED EXPERIENCES SUGGESTED FOR LANGUAGE ARTS, SOCIAL STUDIES, SCIENCE, AND MATHEMATICS AT EACH GRADE LEVEL. THE GUIDE ALSO INCLUDES A SAMPLE UNIT FOR EACH GRADE LEVEL, WHICH CONTAINS OBJECTIVES FOR BOTH TEACHER AND STUDENTS, SUGGESTIONS FOR LAUNCHING THE UNIT, EXPERIENCES AND ACTIVITIES, EVALUATION TECHNIQUES, AND A BIBLIOGRAPHY OF BOOKS, FILMS, AND RECORDS. AN INTRODUCTORY SECTION PROVIDES PROGRAM OBJECTIVES, ROLES OF THE CLASSROOM TEACHER AND INDUSTRIAL ARTS CONSULTANT, AND TEACHING SUGGESTIONS. (SB)

VT 017 298

BILLINGS, HENRY
CONSTRUCTION AHEAD.

DOCUMENT NOT AVAILABLE FROM EDRS.
5017-03080

VIKING PRESS, INC., 625 MADISON
AVE., NEW YORK, NY 10022
PUB DATE - 65 160P. PMM
COLLECTION; 1965 EDITION

DESCRIPTORS - CAREER EDUCATION;
INSTRUCTIONAL MATERIALS;
INTERMEDIATE GRADES; INDUSTRY;
*CONSTRUCTION (PROCESS); INDUSTRIAL
TECHNOLOGY; *ROAD CONSTRUCTION;
*CIVIL ENGINEERING; LAND USE;
GUIDANCE; ILLUSTRATIONS;
SUPPLEMENTARY READING MATERIALS;
UNITED STATES HISTORY; SOCIAL
STUDIES; OCCUPATIONAL INFORMATION
IDENTIFIERS - *CAREER AWARENESS;
ATTITUDES APPRECIATIONS

ABSTRACT - WRITTEN FOR STUDENTS IN
GRADES 4-6, THIS BOOK ILLUSTRATES
300 YEARS OF ROAD-MAKING IN AMERICA
AS EPITOMIZED IN THE STORY OF NEW
YORK ROUTE 199. THE READER FOLLOWS
IT FROM DEER, INDIAN, AND PACK

TRAIL THROUGH MUD ROAD AND
"CORDUROY" TO MACADAM AND FINALLY
THE ASPHALT AND STEEL BRIDGES AND
CULVERTS OF THE NEW HIGHWAY THAT
CAN TAKE EIGHT THOUSAND CARS A DAY.
DETAILED DESCRIPTIONS AND SEVERAL
PICTURES SHOW THE EXACT AND
DIFFICULT WORK DONE BY MEN AND
MACHINES, FROM THE FIRST SCALE
DRAWINGS FOR EVERY FOOT OF THE ROAD
TO THE FINAL LAYING OF THE "TOP"
AND THE LANDSCAPING OF SHOULDERS,
DITCHES, AND EMBANKMENTS. (PM)

VT 017 316

PERKINS, LYNN
LET'S GO TO A PAPER MILL. LET'S GO
SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
5017-03054

G.P. PUTNAM'S SONS, 210 MADISON
AVE., NEW YORK, NY 10016
PUB DATE - 69 47P. PMM
COLLECTION

DESCRIPTORS - CAREER EDUCATION;
READING MATERIALS; PRIMARY GRADES;
*MANUFACTURING; *PRODUCTION
TECHNIQUES; PRODUCTION TECHNICIANS;
*CHEMICAL INDUSTRY; *PAPER
(MATERIAL); STORY READING;
*OCCUPATIONAL INFORMATION
IDENTIFIERS - *CAREER AWARENESS;
ATTITUDES APPRECIATIONS

ABSTRACT - DESIGNED FOR BEGINNING
READERS, THIS BOOK FOLLOWS THE
PRODUCTION OF PAPER PROCESS FROM
WOOD CHIPS TO THE MIXTURE OF PAPER
PULP AND THE ACTUAL PRODUCTION OF
SHEETS OF PAPER. KEY TERMS ARE USED
IN THE TEXT AND ALSO APPEAR IN A
GLOSSARY AT THE END OF THE STORY.
THERE ARE OCCASIONAL HISTORICAL
DIGRESSIONS TO EXPLAIN THE
DEVELOPMENT OF PAPER-MAKING AND
PRINTING PROCESSES. THE BOOK
CONCLUDES WITH A SECTION ON HOW TO
MAKE PAPER YOURSELF WHICH HAS BEEN
DESIGNED FOR YOUNGER CHILDREN. A
LIST OF SUGGESTED ACTIVITIES AND A
LIST OF OTHER BOOKS ABOUT PAPER ARE
INCLUDED. (PM)

VT 017 409

BUILDING MAINTENANCE WORKER.
PREVOCATIONAL SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
1593-09599
LITTON EDUCATIONAL PUB., INC., DIV.
OF LITTON INDUSTRIES, 450 W. 33
ST., NEW YORK, NY 10001
PUB DATE - 70 52P. PMM
COLLECTION

DESCRIPTORS - CAREER EDUCATION;
SECONDARY GRADES; INDUSTRIAL
EDUCATION; INDEPENDENT STUDY;
*PROGRAMED INSTRUCTION;
*MAINTENANCE; *REPAIR; *BUILDINGS;
*OCCUPATIONAL INFORMATION
IDENTIFIERS - EDUCATIONAL
AWARENESS; CAREER AWARENESS;
ECONOMIC AWARENESS

ABSTRACT - THIS PROGRAMED STUDENT
WORKBOOK FOR GRADES 8 THROUGH 10,
COVERS THE FIELD OF BUILDING
MAINTENANCE. THE SUBJECT MATTER IS
ORGANIZED INTO SMALL SEQUENTIAL
STEPS AND THE STUDENT IS QUESTIONED
AFTER EACH STEP. A TEST IS GIVEN AT
THE END OF THE BOOK TO MEASURE THE
STUDENT'S ACCOMPLISHMENT OF THE
LEARNING OBJECTIVES. (PM)

VT 017 410
HOUSEHOLD APPLIANCE REPAIRMAN.
PREVOCATIONAL SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
1593-09594
LITTON EDUCATIONAL PUB., INC., DIV.
OF LITTON INDUSTRIES, 450 W. 33
ST., NEW YORK, NY 10001
PUB DATE - 70 40P. PMM
COLLECTION

DESCRIPTORS - CAREER EDUCATION;
SECONDARY GRADES; TECHNICAL
EDUCATION; DISTRIBUTIVE EDUCATION;
INDEPENDENT STUDY; *PROGRAMED
INSTRUCTION; PROBLEM SOLVING;
*APPLIANCE REPAIRING; *ELECTRICAL
APPLIANCE SERVICEMEN; *APPLIANCE
SERVICE TECHNICIANS; *OCCUPATIONAL
INFORMATION; WORK ATTITUDES; SAFETY
IDENTIFIERS - *SELF AWARENESS;
EDUCATIONAL AWARENESS; CAREER
AWARENESS

ABSTRACT - THIS A PROGRAMED STUDENT
WORKBOOK FOR GRADES 8-10 CONCERNS
THE FIELD OF APPLIANCE REPAIR. THE

BOOK IS SELF-INSTRUCTIONAL SO THE
STUDENT CAN STUDY AT HIS OWN
LEARNING PACE. THE SUBJECT MATTER
IS ORGANIZED INTO SMALL SEQUENTIAL
STEPS, AND THE STUDENT IS
QUESTIONED AFTER EACH STEP. A TEST
IS GIVEN AT THE END OF THE BOOK TO
MEASURE THE STUDENT'S ACCOMPLISHMENT
OF THE LEARNING OBJECTIVES. (PM)

VT 017 411
AIR CONDITIONING REFRIGERATION
REPAIRMAN. PREVOCATIONAL SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
1593-09596
LITTON EDUCATIONAL PUB., INC., DIV.
OF LITTON INDUSTRIES, 450 W. 33
ST., NEW YORK, NY 10001
PUB DATE - 70 56P. PMM
COLLECTION

DESCRIPTORS - CAREER EDUCATION;
SECONDARY EDUCATION; INDEPENDENT
STUDY; *PROGRAMED INSTRUCTION;
*REPAIR; *AIR CONDITIONING;
*REFRIGERATION MECHANICS; BUILDING
TRADES; THERMAL ENVIRONMENT;
MACHINE REPAIRMEN; *OCCUPATIONAL
INFORMATION; AIR CONDITIONING
EQUIPMENT
IDENTIFIERS - EDUCATIONAL
AWARENESS; CAREER AWARENESS;
ECONOMIC AWARENESS

ABSTRACT - THIS PROGRAMED STUDENT
WORKBOOK FOR GRADES 8 THROUGH 10,
COVERS THE FIELD OF REFRIGERATION
MECHANICS. THE STUDENT CAN STUDY AT
HIS OWN LEARNING PACE. THE SUBJECT
MATTER IS ORGANIZED INTO SMALL
SEQUENTIAL STEPS, AND THE STUDENT
IS QUESTIONED AFTER EACH STEP. A
TEST IS GIVEN AT THE END OF THE
BOOK TO MEASURE THE STUDENT'S
ACCOMPLISHMENT OF THE LEARNING
OBJECTIVES. (PM)

VT 017 412
AUTOMOBILE MECHANIC. PREVOCATIONAL
SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
1593-09598
LITTON EDUCATIONAL PUBLISHING,
INC., DIV. OF LITTON INDUSTRIES,
450 W. 33 ST., NEW YORK, NY 10001
PUB DATE - 70 52P. PMM

COLLECTION

DESCRIPTORS - CAREER EDUCATION;
SECONDARY GRADES; TECHNICAL
EDUCATION; INDEPENDENT STUDY;
*PROGRAMED INSTRUCTION; PROBLEM
SOLVING; SKILLED OCCUPATIONS;
MECHANICAL SKILLS; *AUTO MECHANICS;
AUTO BODY REPAIRMENT; *MOTOR
VEHICLES; *AUTO MECHANICS
(OCCUPATION); *TRADE AND INDUSTRIAL
EDUCATION
IDENTIFIERS - CAREER AWARENESS;
ECONOMIC AWARENESS; ATTITUDES
APPRECIATIONS

ABSTRACT - THIS PROGRAMED STUDENT
WORKBOOK FOR GRADES 8-10, CONCERNS
THE FIELD OF AUTO MECHANICS. THE
STUDENT CAN STUDY AT HIS OWN
LEARNING PACE. THE SUBJECT MATTER
IS ORGANIZED INTO SMALL SEQUENTIAL
STEPS, AND THE STUDENT IS
QUESTIONED AFTER EACH STEP. A TEST
IS GIVEN AT THE END OF THE BOOK TO
MEASURE THE STUDENT'S
ACCOMPLISHMENT OF THE LEARNING
OBJECTIVES. (PM)

VT 017 466 ED 068 735
INDUSTRIOLOGY--THE SCIENCE OF
INDUSTRY.

WISCONSIN STATE UNIV., PLATTEVILLE.
COLL. OF INDUSTRY.
EDRS PRICE MF-\$0.65 HC-\$3.29.
PUB DATE - ND 24P.

DESCRIPTORS - BEHAVIORAL
OBJECTIVES; INSTRUCTIONAL DESIGN;
*PROGRAM DESCRIPTIONS; ELEMENTARY
GRADES; SECONDARY GRADES; INDUSTRIAL;
*INDUSTRIAL EDUCATION; *INDUSTRIAL
ARTS; SEQUENTIAL APPROACH;
OCCUPATIONAL GUIDANCE; VOCATIONAL
DEVELOPMENT
IDENTIFIERS - EDUCATIONAL AWARENESS

ABSTRACT - THIS OVERVIEW OF AN
INDUSTRIAL ARTS CURRICULUM PROJECT,
RESULTING FROM COMPREHENSIVE
STUDIES OF INDUSTRY BY THE STAFF
AND GRADUATE STUDENTS OF THE
COLLEGE OF INDUSTRY AT WISCONSIN
STATE UNIVERSITY THROUGH FEDERALLY
FUNDED INSTITUTIONAL GRANTS AND
FELLOWSHIP PROGRAMS, FOCUSES ON
"INDUSTRIOLOGY"--THE SCIENCE OF

INDUSTRY. INTENDED TO UPDATE AND
IMPROVE INDUSTRIAL ARTS PROGRAMS AT
THE ELEMENTARY AND SECONDARY
LEVELS, THE COMPREHENSIVE
SEQUENTIAL PROGRAM EXAMINES
EXTRACTIVE, MANUFACTURING,
DISTRIBUTION, AND SERVICE
INDUSTRIES BY DELINEATING THEIR
ACTIVITIES IN DEVELOPMENT AND
DESIGN, FINANCE AND OFFICE
SERVICES, MARKETING, PROCESSING,
INDUSTRIAL RELATIONS, AND
PURCHASING. GENERAL AND SPECIFIC
BEHAVIORAL OBJECTIVES, A PROGRAM
RATIONALE, A BRIEF CONTENT OUTLINE,
AND DESCRIPTIONS OF THE
INSTRUCTIONAL ORGANIZATION ARE
PRESENTED. INSTRUCTIONAL MATERIALS
FOR THESE COURSES WILL CONSIST OF:
(1) A STUDY GUIDE, (2) SHEETS FOR
LEARNING ACTIVITIES AND TEACHING
PROCEDURES, (3) STUDENT WORKSHEETS,
AND (4) RESOURCE LISTS AND A
BIBLIOGRAPHY. INTEGRATED RESOURCE
UNITS WILL BE DEVELOPED AND
IMPLEMENTED FOR THE ELEMENTARY
GRADES. PROGRAM ACTIVITIES WILL
INCLUDE OCCUPATIONAL GUIDANCE,
COOPERATIVE WORK EXPERIENCE, AND
MODULAR UNITS VARYING FROM 5 TO 25
INSTRUCTIONAL HOURS IN LENGTH. (AG)

VT 017 519
MANUFACTURING: INDUSTRIAL EDUCATION
CURRICULUM GUIDE. INSTRUCTIONAL
MATERIALS FOR USE WITH
DISADVANTAGED STUDENTS IN
VOCATIONAL EDUCATION.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT.
OF VOCATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG71 204P.

DESCRIPTORS - *MANUFACTURING;
CURRICULUM GUIDES; *DISADVANTAGED
YOUTH; *TRADE AND INDUSTRIAL
EDUCATION; SECONDARY GRADES;
TEACHER DEVELOPED MATERIALS;
RESOURCE MATERIALS; WORKSHEETS;
TEACHING PROCEDURES; LEARNING
ACTIVITIES; STUDENT TESTING;
BEHAVIORAL OBJECTIVES
IDENTIFIERS - EDUCATIONAL AWARENESS

ABSTRACT - THESE COLOR-KEYED MODEL
INSTRUCTIONAL MATERIALS FOR USE
WITH DISADVANTAGED STUDENTS IN

VOCATIONAL EDUCATION AT THE SECONDARY LEVEL WERE DEVELOPED BY A SPECIAL PROJECT COMMITTEE OF EDUCATORS IN INDUSTRIAL EDUCATION. INTENDED AS A SUGGESTED GUIDE FOR TEACHING UNITS WITHIN A 1-SEMESTER CURRICULUM ON MANUFACTURING, FOUR SECTIONS DEAL SEPARATELY WITH MANAGEMENT, METALS, PLASTIC, AND THE LABOR FORCE. FOR EACH TOPIC WITHIN A SECTION, BEHAVIORAL OBJECTIVES, TEACHING PROCEDURES, STUDENT EVALUATION ITEMS, RESOURCE LISTS, STUDENT WORKSHEETS, AND LEARNING ACTIVITIES ARE INCLUDED. EXTENSIVE RESOURCE MATERIALS, INCLUDING A GUIDE TO AUDIOVISUAL AIDS USED IN THE MANUFACTURING CURRICULUM, ARE APPENDED. THIS DOCUMENT IS 3-HOLE PUNCHED FOR EASY ADDITION OR REMOVAL OF PAGES. (AG)

VT 017 520

CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL AND ADULT EDUCATION. MF AVAILABLE IN VT-ERIC SET. PUB DATE - AUG71 167P.

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; *CONSTRUCTION (PROCESS); *VOCATIONAL EDUCATION; *DISADVANTAGED YOUTH; VOCATIONAL DEVELOPMENT; SECONDARY GRADES; BEHAVIORAL OBJECTIVES; WORKSHEETS; RESOURCE MATERIALS; *CURRICULUM GUIDES; TEACHING PROCEDURES; LEARNING ACTIVITIES; EVALUATION TECHNIQUES
IDENTIFIERS - EDUCATIONAL AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS COLOR-KEYED MODEL CURRICULUM GUIDE FOR A 1-SEMESTER INDUSTRIAL EDUCATION COURSE IN CONSTRUCTION AT THE SECONDARY LEVEL CONTAINS SIX TABBED UNITS OF INSTRUCTION: (1) TOOLS, EQUIPMENT, AND SUPPLIES, (2) TECHNOLOGY AND PEOPLE, WHICH COVERS LABOR PROCEDURES, (3) MANAGING CONSTRUCTION, (4) PRODUCTION TECHNOLOGY, (5) CITY AND REGIONAL

PLANNING, AND (6) APPENDED RESOURCE MATERIALS. INTENDED FOR DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION, THESE INSTRUCTIONAL MATERIALS INCLUDE FOR EACH TOPIC BEHAVIORAL OBJECTIVES, TEACHING PROCEDURES, TIME ALLOTMENTS, AND LEARNING ACTIVITIES. RESOURCE LISTS, SUPPLIES AND EQUIPMENT LISTS, STUDENT WORKSHEETS, AND EVALUATION ITEMS ARE PROVIDED. DEVELOPED BY A PROJECT COMMITTEE OF VOCATIONAL TEACHERS AND SUPERVISORS AT THE HIGH SCHOOL LEVEL, THIS DOCUMENT IS 3-HOLE PUNCHED FOR EASE IN ADDITION AND REMOVAL OF SHEETS. (AG)

VT 017 522

"CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.

MEMPHIS CITY SCHOOL SYSTEM, TENN. DEPT. OF INSTRUCTION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AVAILABLE IN VT-ERIC SET. PUB DATE - 72 267P.

DESCRIPTORS - *TEACHING GUIDES; *CAREER EDUCATION; *OCCUPATIONAL CLUSTERS; *INTEGRATED CURRICULUM; BUILDING TRADES; MASS MEDIA; BUSINESS; HEALTH OCCUPATIONS; INDUSTRIAL PERSONNEL; TRANSPORTATION; HOME MANAGEMENT; MARKETING; *INSTRUCTIONAL TELEVISION
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS TEACHER'S GUIDE FOR INSTRUCTIONAL TELEVISION, PREPARED BY THE MEMPHIS CITY SCHOOL SYSTEM, IS PRIMARILY CONCERNED WITH HELPING THE TEACHER INTRODUCE ELEMENTARY CHILDREN TO THE WORLD OF WORK. IT IS DESIGNED TO FAMILIARIZE STUDENTS WITH CLUSTERS OF OCCUPATIONS, THE TITLES OF VARIOUS JOBS, AND THE TOOLS GENERALLY ASSOCIATED WITH EACH WORKER. THE PROJECT WAS DEVELOPED AROUND THE CONCEPT THAT THERE IS DIGNITY AND SATISFACTION IN WORKING. TO ACHIEVE THIS GOAL, THE GUIDE IS ORGANIZED ACCORDING TO A 3-FOLD APPROACH: CLASSROOM

PREPARATION FOR THE TELECAST LESSON, THE LESSON ITSELF, INCLUDING DISCUSSION AND QUESTIONS, AND THE FOLLOW-UP CLASSROOM ACTIVITIES. NUMEROUS OCCUPATIONS ARE PRESENTED INCLUDING THE FOLLOWING: CONSTRUCTION, COMMUNICATIONS, BUSINESS, HEALTH, INDUSTRIAL, TRANSPORTATION, PUBLIC SERVICES, HOMEMAKING, AND MARKETING OCCUPATIONS. FOR EACH OCCUPATIONAL CLUSTER CLASSROOM PREPARATION INCLUDES WORKING WITH VOCABULARY WORDS, DISPLAYING POSTERS OF WORKERS, COMPLETING MATH AND SCIENCE PROBLEMS, AND GENERAL PREPARATION FOR THE TELECAST. (AUTHORS/DL)

VT 017 637

POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL AND ADULT EDUCATION. IF AVAILABLE IN VT-ERIC SET. PUB DATE - AUG71 326P.

DESCRIPTORS - WORKSHEETS; STUDENT EVALUATION; *FLUID POWER EDUCATION; *POWER MECHANICS; RESOURCE MATERIALS; *CURRICULUM GUIDES; VOCATIONAL EDUCATION; VOCATIONAL DEVELOPMENT; SECONDARY GRADES; BEHAVIORAL OBJECTIVES; *DISADVANTAGED YOUTH; ENERGY; *TRADE AND INDUSTRIAL EDUCATION; TEACHING PROCEDURES; PRODUCER SERVICES; LEARNING ACTIVITIES IDENTIFIERS - EDUCATIONAL AWARENESS; BEGINNING COMPETENCE; * ER

ABSTRACT - THIS COLOR-KEYED MODEL CURRICULUM GUIDE FOR A 1-SEMESTER COURSE IN POWER FOR DISADVANTAGED OR HANDICAPPED STUDENTS IN INDUSTRIAL EDUCATION COVERS THESE TOPICS IN SIX TABBED SECTIONS: (1) ENERGY, (2) MECHANICAL POWER, (3) FLUID POWER, (4) ELECTRICAL POWER, (5) HEAT ENGINES, AND (6) APPENDED RESOURCE MATERIALS. DEVELOPED BY A PROJECT COMMITTEE OF TEACHERS AND SUPERVISORS IN VOCATIONAL EDUCATION

AT THE HIGH SCHOOL LEVEL, THESE INSTRUCTIONAL MATERIALS INCLUDE FOR EACH TOPIC BEHAVIORAL OBJECTIVES, TEACHING PROCEDURES, RESOURCE LISTS, LEARNING ACTIVITIES, AND TIME ALLOTMENTS. STUDENT WORKSHEETS, EVALUATION ITEMS, AND EQUIPMENT AND SUPPLIES LISTS ARE PROVIDED. THIS DOCUMENT, WHICH IS 3-HOLE PUNCHED FOR EASE IN ADDITION OR REMOVAL OF SHEETS, GIVES INSTRUCTIONS ON THE USE OF THESE MATERIALS. THE GUIDE CAN BE ADAPTED EASILY TO A REGULAR VOCATIONAL EDUCATION SETTING. (AG)

VT 017 642

SULLIVAN, GEORGE
THE NEW WORLD OF CONSTRUCTION
ENGINEERING. THE NEW WORLDS SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
7103-09056

DODD, MEAD & CO., 79 MADISON AVE.,
NEW YORK, NY 10016

PUB DATE - 68 80P. PMM
COLLECTION

DESCRIPTORS - *CAREER EDUCATION; RESOURCE MATERIALS; INSTRUCTIONAL MATERIALS; *INDUSTRIAL EDUCATION; JUNIOR HIGH SCHOOLS; *CIVIL ENGINEERING; AEROSPACE INDUSTRY; *ENGINEERS; *CONSTRUCTION INDUSTRY; OCCUPATIONAL INFORMATION; ENGINEERING IDENTIFIERS - *CAREER AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - THIS BOOK INTRODUCES STUDENTS OF GRADES 7-9 TO THE RAPIDLY EXPANDING CAREER FIELD OF CONSTRUCTION ENGINEERING. WITH EMPHASIS ON THE FUTURE, THE NEED FOR AND THE RESPONSIBILITIES OF TOMORROW'S CIVIL ENGINEERS IN MASTERING NEW FRONTIERS ON LAND, SEA, AND IN OUTER SPACE ARE OUTLINED. MAJOR CHAPTER DISCUSSIONS INCLUDE: (1) BUILDING A BETTER WORLD, (2) SOME OLD IDEAS WITH A NEW TWIST, (3) SUPERSKYSCRAPERS, (4) COAST TO COAST--NONSTOP, (5) STEEL IN THE SKY, (6) RAPID TRANSIT RENAISSANCE, (7) WATER, PRECIOUS WATER, (8) AIRPORTS FOR JUMBO JETS, (9) CONSTRUCTION AROUND THE WORLD, AND (10) SPACE-AGE ENGINEERING.

(PM)

VT 017 702

A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.

DETROIT PUBLIC SCHOOLS, MICH.
VOCATIONAL DEPT
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 28P.

DESCRIPTORS - *CAREER EDUCATION;
CONCEPTUAL SCHEMES; VOCATIONAL
EDUCATION; EDUCATIONAL OBJECTIVES;
EDUCATIONAL NEEDS; *CITY WIDE
PROGRAMS; *VOCATIONAL DEVELOPMENT;
*FLEXIBLE PROGRESSION; RESOURCE
MATERIALS; *PROGRAM PLANNING;
EDUCATIONAL IMPROVEMENT;
OCCUPATIONAL CLUSTERS; HUMANITIES;
ELEMENTARY GRADES; SECONDARY GRADES
IDENTIFIERS - *GALAXY PLAN;
EDUCATIONAL AWARENESS

ABSTRACT - THIS EXPERIMENTAL EDITION OF AN ORGANIZATIONAL PLAN FOR ELEMENTARY AND SECONDARY CAREER PREPARATION IN THE DETROIT PUBLIC SCHOOL SYSTEM RESULTED FROM A 1962 REPORT ENTITLED "PREPARING PUPILS FOR THE WORLD OF WORK," AS WELL AS THE ASSISTANCE OF THE RESEARCH COUNCIL OF THE GREAT CITIES PROGRAM FOR SCHOOL IMPROVEMENT, AND THE CONTRIBUTIONS OF EDUCATORS, LEADERS IN BUSINESS AND INDUSTRY, AND OTHER CITIZENS. FLEXIBLE PROGRESSION WOULD HIGHLIGHT A 3-PRONGED APPROACH IN BASIC EDUCATION, PERSONAL DEVELOPMENT, AND CAREER PREPARATION FOR THESE FOUR TYPES OF STUDENTS: (1) SUPERIOR, (2) AVERAGE, (3) UNDERACHIEVER, AND (4) SPECIAL NEEDS. THIS "GALAXY" APPROACH EMPHASIZES OCCUPATIONAL GUIDANCE, PROJECT TRAINING METHODS AND IN-DEPTH VOCATIONAL COURSES IN THE FOLLOWING FOUR AREAS: (1) PERSONAL SERVICES, (2) ENERGY AND PROPULSION, (3) VISUAL COMMUNICATION, AND (4) MATERIALS AND PROCESSES. TERM DEFINITIONS, AN ANALYSIS OF VOCATIONAL EDUCATION SUBJECT AREAS, AND A CLUSTER PLAN BY GRADE LEVEL ARE APPENDED. EACH TENTATIVE CAREER EDUCATION PROGRAM IS DELINEATED, PRESENTING BOTH

PRESSING EDUCATIONAL NEEDS AND PROGRAM RATIONALES. SIX "GALAXY" OBJECTIVES ARE INCLUDED SEPARATELY. (AG)

VT 017 728

INDUSTRIAL ARTS CURRICULUM GUIDE.

LOS ALAMOS PUBLIC SCHOOLS, N. MEX.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 168P.

DESCRIPTORS - MANUFACTURING;
*CURRICULUM GUIDES; *INDUSTRIAL
ARTS; *GOAL ORIENTATION;
*EDUCATIONAL OBJECTIVES; SECONDARY
GRADES; CURRICULUM DESIGN;
CURRICULUM DESIGN; *INDUSTRIAL
TECHNOLOGY; PUBLIC SCHOOL SYSTEMS;
RESOURCE MATERIALS; VOCATIONAL
DEVELOPMENT; MODELS; SEQUENTIAL
PROGRAMS
IDENTIFIERS - EDUCATIONAL
AWARENESS; BEGINNING COMPETENCE

ABSTRACT - INTENDED FOR THE USE OF TEACHERS AND ADMINISTRATORS FOR A SEQUENTIAL INDUSTRIAL ARTS PROGRAM FOR GRADES 7 THROUGH 12, THIS SPIRAL-BOUND CURRICULUM GUIDE CONTAINS GENERAL AND SPECIFIC PROGRAM GOALS AND EDUCATIONAL OBJECTIVES IN A COMPREHENSIVE APPROACH TO INDUSTRIAL TECHNOLOGY. ADOPTING THE EDUCATIONAL PHILOSOPHY OF THE AMERICAN INDUSTRIAL ARTS ASSOCIATION, THE LOS ALAMOS PUBLIC SCHOOL SYSTEM DEVELOPED GENERAL GOALS WHICH WERE WRITTEN BY AN INDUSTRIAL ARTS CURRICULUM COMMITTEE FOR THESE FIVE TECHNOLOGICAL AREAS: (1) MANUFACTURING, (2) CONSTRUCTION, (3) COMMUNICATION, (4) TRANSPORTATION, AND (5) RESEARCH AND DEVELOPMENT. A PROGRAM RATIONALE AND A DIAGRAM OF A STRUCTURE FOR IDENTIFYING AND IMPLEMENTING INDUSTRIAL ARTS GOALS AND OBJECTIVES ARE INCLUDED. (AG)

VT 017 730

WHO? WHAT? WHERE? HOW MUCH?
COORDINATED VOCATIONAL ACADEMIC
EDUCATION BIBLIOGRAPHY.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 149P.

DESCRIPTORS - *BIBLIOGRAPHIES;
 *CAREER EDUCATION; VOCATIONAL
 DEVELOPMENT; *OCCUPATIONAL
 GUIDANCE; HUMAN RESOURCES;
 SECONDARY GRADES; HUMANITIES; *WORK
 STUDY PROGRAMS; *STUDENT DEVELOPED
 MATERIALS; COSTS; EDUCATIONAL
 COORDINATION; VOCATIONAL EDUCATION;
 ACADEMIC EDUCATION; INSTRUCTIONAL
 MEDIA
 IDENTIFIERS - EDUCATIONAL
 AWARENESS; CAREER AWARENESS

ABSTRACT - THIS DETAILED
 BIBLIOGRAPHY OF CAREER DEVELOPMENT
 AND OCCUPATIONAL GUIDANCE MATERIALS
 PROVIDES A TENTATIVE,
 REPRESENTATIVE CROSS-SECTION OF
 MATERIALS AND RESOURCE PEOPLE THAT
 MAY BE AVAILABLE FOR USE IN JUNIOR
 AND SENIOR HIGH SCHOOL WORK STUDY
 PROGRAMS. COMPILED BY STUDENTS
 ATTENDING THE 1972 COORDINATED
 VOCATIONAL ACADEMIC EDUCATION
 PROGRAM WORKSHOP, THIS BIBLIOGRAPHY
 IS DIVIDED INTO TEN SECTIONS: (1)
 BOOKS, BOOKLETS, PAMPHLETS, AND
 MAGAZINES, (2) BULLETIN BOARDS AND
 POSTERS, (3) EQUIPMENT, (4)
 FILMSTRIPS, (5) FREE MATERIAL
 SOURCES AND RESOURCE PEOPLE, (6)
 FUND RAISING IDEAS, (7) GAMES, (8)
 KITS, (9) SLIDES AND
 TRANSPARENCIES, AND (10) TAPES AND
 CASSETTES. FOR EACH ITEM, THE
 CATALOG NUMBER, NAME OF THE ITEM,
 LIST PRICE, NET PRICE, POSTAGE
 REQUIRED, AND DESCRIPTION
 (INCLUDING GRADE LEVEL) ARE GIVEN
 IN A COLUMNAR FORMAT. THE NAME AND
 ADDRESS OF THE PUBLISHING COMPANY,
 THE CATALOG YEAR, AND THE TYPE OF
 MATERIAL ARE INCLUDED. (AG)

VT 017 770 ED 069 918
 CAREER EDUCATION RESOURCE GUIDE.

GENERAL LEARNING CORP., WASHINGTON,
 D.C.
 DOCUMENT NOT AVAILABLE FROM EDRS.
 GENERAL LEARNING CORP., 2139
 WISCONSIN AVE., N.W., WASHINGTON,
 D.C. 20007
 PUB DATE - 72 257P.

DESCRIPTORS - ADULT VOCATIONAL
 EDUCATION; BIBLIOGRAPHIES; *CAREER

EDUCATION; *CONCEPTUAL SCHEMES;
 EDUCATIONAL OBJECTIVES; ELEMENTARY
 GRADES; HUMANITIES; *INSTRUCTIONAL
 INNOVATION; *LEARNING ACTIVITIES;
 PHOTOGRAPHS; PROGRAM EVALUATION;
 *RESOURCE GUIDES; SECONDARY GRADES;
 VOCATIONAL DEVELOPMENT
 IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS RESOURCE GUIDE FOR
 CAREER EDUCATION PROGRAMS PRESENTS
 SEPARATE SECTIONS WITH INNOVATIVE
 LEARNING ACTIVITIES AND RESOURCE
 IDEAS FOR KINDERGARTEN AND THE
 ELEMENTARY GRADES, THE MIDDLE AND
 JUNIOR HIGH SCHOOL GRADES, AND FOR
 HIGH SCHOOL AND ADULT EDUCATION.
 IDEAS FOR EVALUATING CAREER
 EDUCATION PROGRAMS ARE GIVEN FOR
 EACH LEVEL, TOGETHER WITH TEACHING
 PROCEDURES, PERFORMANCE OBJECTIVES,
 RESOURCE MATERIALS, CONCEPTUAL
 STATEMENTS, AND EXPLANATORY NOTES
 FOR EACH LEARNING ACTIVITY.
 PHOTOGRAPHS ILLUSTRATE THE TEXT,
 WHICH WAS DEVELOPED LARGELY BY
 TEACHERS, SCHOOL ADMINISTRATORS,
 AND OTHER EDUCATORS FROM SCHOOL
 SYSTEMS THROUGHOUT THE NATION FOR
 THE USE OF OTHER TEACHERS AT THE
 ELEMENTARY AND SECONDARY LEVELS. A
 BIBLIOGRAPHY, A LIST OF RESOURCE
 PEOPLE, A CONCEPTUAL CHART
 CORRELATED WITH INDIVIDUAL LEARNING
 ACTIVITIES, AND AN EXTENSIVE
 RATIONALE FOR CAREER EDUCATION ARE
 INCLUDED. (AG)

VT 017 788
 FURNITURE INDUSTRY.

CHRONICLE GUIDANCE PUBLICATIONS,
 INC., MORAVIA, N.Y.
 DOCUMENT NOT AVAILABLE FROM EDRS.
 1562-09648
 CHRONICLE GUIDANCE, MORAVIA, N.Y.
 13118
 PUB DATE - ND 81P. PMM
 COLLECTION

DESCRIPTORS - INDUSTRIAL EDUCATION;
 SECONDARY GRADES; POST SECONDARY
 EDUCATION; INDEPENDENT STUDY;
 OCCUPATIONAL GUIDANCE;
 *SUPPLEMENTARY READING MATERIALS;
 OCCUPATIONS; *MANUFACTURING;
 INDUSTRIAL ARTS; *FURNITURE
 INDUSTRY; *FURNITURE DESIGN;

APPRENTICESHIPS; DRAFTSMEN;
SALESMANSHIP; OCCUPATIONAL
INFORMATION
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS SET OF 20 BRIEFS ON
A VARIETY OF JOBS IN THE FURNITURE
INDUSTRY MAY BE USED IN GRADES 9
THROUGH 14. JOBS COVERED INCLUDE
CARPENTER, UPHOLSTERER, INTERIOR
DESIGNER, DRAFTSMAN AND FURNITURE
MOVER. EACH BRIEF CONCENTRATES ON
ONE OCCUPATION, GIVING A JOB
DESCRIPTION, PERSONAL AND
EDUCATIONAL REQUIREMENTS, AND A
LIST OF SOURCES FOR FURTHER
READING. (PM)

VT 017 801 ED 069 919
MICROFICHE COLLECTION OF
CLEARINGHOUSE DOCUMENTS REPORTED IN
ABSTRACTS OF INSTRUCTIONAL
MATERIALS IN VOCATIONAL AND
TECHNICAL EDUCATION (AIM), VOLUME
6, NUMBER 1.

OHIO STATE UNIV., COLUMBUS. CENTER
FOR VOCATIONAL AND TECHNICAL
EDUCATION.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
EDRS PRICE MF-\$47.52 HC NOT
AVAILABLE FROM EDRS.
PUB DATE - 72 20,699P.

DESCRIPTORS - AGRICULTURAL
EDUCATION; BUSINESS EDUCATION;
CAREER EDUCATION; CLEARINGHOUSES;
DISTRIBUTIVE EDUCATION;
DOCUMENTATION; HEALTH OCCUPATIONS
EDUCATION; HOME ECONOMICS
EDUCATION; INDEXES (LOCATORS);
INDUSTRIAL ARTS; INFORMATION
RETRIEVAL; INFORMATION STORAGE;
*INSTRUCTIONAL MATERIALS;
*MICROFICHE; *TECHNICAL EDUCATION;
TRADE AND INDUSTRIAL EDUCATION;
*VOCATIONAL EDUCATION

ABSTRACT - DOCUMENTS ANNOUNCED WITH
VT NUMBERS ONLY IN VOLUME 6, NUMBER
1 (VT 017 800) OF "ABSTRACTS OF
INSTRUCTIONAL MATERIALS IN
VOCATIONAL AND TECHNICAL EDUCATION"
(AIM) ARE INCLUDED IN THIS
MICROFICHE SET. THE MICROFICHE SET
IS ARRANGED IN THE FOLLOWING
SEQUENCE: (1) A VOCATIONAL

TECHNICAL (VT) NUMBER INDEX TO
DOCUMENTS IN THE MICROFICHE
COLLECTION, (2) THE SUBJECT AND
AUTHOR INDEXES FROM AIM, AND (3)
THE FULL TEXT OF DOCUMENTS LISTED
IN THE VT NUMBER INDEX. THE TEXTS
ARE FILMED CONTINUOUSLY IN VT
NUMBER SEQUENCE. (CD)

VT 018 307
BENTLEY, R.G., AND OTHERS
GRAPHIC COMMUNICATION SERIES:
COMMUNICATING WITH GRAPHICS, ART
WORK, IMAGE ASSEMBLY, PHOTO-
CONVERSION, IMAGE CARRIER
PREPARATION, IMAGE TRANSFER,
FINISHING PROCEDURES, AND DECISION
MAKING. (TEXT, TRANSPARENCIES, AND
TEACHER'S MANUAL).

DOCUMENT NOT AVAILABLE FROM EDRS.
1021-08890
A.B. DICK COMPANY, 5700 TOUHY
AVENUE, CHICAGO, ILLINOIS 60648
PUB DATE - 70 467P. PMM
COLLECTION

DESCRIPTORS - *CAREER EDUCATION;
INSTRUCTIONAL MATERIALS; RESOURCE
MATERIALS; *TRANSPARENCIES; VISUAL
ARTS; INDUSTRIAL ARTS; SECONDARY
GRADES; *COMMUNICATIONS; PROBLEM
SOLVING; *GRAPHIC ARTS;
*PHOTOCOMPOSITION; DECISION MAKING
IDENTIFIERS - DECISIONS; *BEGINNING
COMPETENCE

ABSTRACT - THIS SERIES IS A
COMPLETE TEACHING-LEARNING SYSTEM
DESIGNED AND WRITTEN FOR SECONDARY
STUDENTS OF GRAPHIC COMMUNICATIONS.
THE SERIES CONSISTS OF A TEACHER'S
MANUAL, TRANSPARENCY MASTERS, AND
EIGHT TEXTBOOKS COVERING THESE
TOPICS: (1) COMMUNICATING WITH
GRAPHICS, (2) IMAGE TRANSFER, (3)
IMAGE CARRIER PREPARATION, (4)
PHOTO CONVERSION, (5) IMAGE
ASSEMBLY, (6) ARTWORK, (7) DECISION
MAKING, AND (8) FINISHING
PROCEDURES. (SB)

VT 018 482
DEVELOPMENTS OF THE 2 SUMMER
WORKSHOP OF SECONDARY EXPLORATION
OF TECHNOLOGY (INDEPENDENCE-
BURLINGTON-SHAWNEE MISSION). A
TRIAL 9TH AND/OR 10TH GRADE

INDUSTRIAL ARTS COURSE IN
MATERIALS/PROCESSES.

INDEPENDENCE HIGH SCHOOL, KANS.;
BURLINGTON HIGH SCHOOL, KANS.;
SHAWNEE MISSION PUBLIC SCHOOLS,
KANS.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 136P.

DESCRIPTORS - SUMMER WORKSHOPS;
*INDUSTRIAL ARTS; *EXPERIMENTAL
CURRICULUM; *INDUSTRIAL TECHNOLOGY;
SYSTEMS APPROACH; PILOT PROJECTS;
CONCEPT TEACHING; SECONDARY GRADES;
VOCATIONAL DEVELOPMENT; SKILL
DEVELOPMENT; GOAL ORIENTATION;
BEHAVIORAL OBJECTIVES; RESOURCE
MATERIALS; *TRADE AND INDUSTRIAL
EDUCATION; *VOCATIONAL EDUCATION
IDENTIFIERS - ESEA TITLE III;
KANSAS; *CAREER EXPLORATION

ABSTRACT - THIS TENTATIVE
CURRICULUM GUIDE FOR TEACHING THE
MATERIALS/PROCESSES SYSTEM AS A
TRIAL COURSE IN INDUSTRIAL ARTS FOR
GRADES 9 OR 10 CONTAINS GENERAL AND
SPECIFIC INSTRUCTIONAL GOALS AND
OBJECTIVES FOR INDUSTRIAL ARTS,
DEFINITIONS OF COGNITIVE,
AFFECTIVE, AND PSYCHOMOTOR
BEHAVIORAL OBJECTIVES, AND VARIOUS
OTHER TERM DEFINITIONS. FOR EACH
LESSON IN INDUSTRIAL PROCESSES,
TEACHING PROCEDURES, EQUIPMENT AND
RESOURCE LISTS, TIME ALLOTMENTS,
SKILL DEVELOPMENT LEVELS, AND
PERFORMANCE OBJECTIVES ARE
INCLUDED. DEVELOPED AT A 1972
SUMMER WORKSHOP AS A PILOT PROJECT
FOR VOCATIONAL EXPLORATION OF
TECHNOLOGY AT THE SECONDARY LEVEL,
THIS TRIAL GUIDE FOR THE STATE OF
KANSAS WAS FUNDED UNDER ESEA TITLE
III AND WRITTEN BY A GROUP OF 12
EDUCATORS AT THE SECONDARY LEVEL.
AS THE STUDY OF ORGANIC AND
INORGANIC MATERIALS AND HOW THEY
ARE CHANGED TO SATISFY MAN'S
MATERIAL NEEDS, THIS 2-SEMESTER
MATERIALS/PROCESSES CURRICULUM
FOCUSES ON VOCATIONAL AWARENESS,
"REAL LIFE" ANALYSIS OF INDUSTRIAL
PRODUCTS AND MATERIALS, AND RELATED
SHOP ACTIVITIES, INCLUDING THE SAFE

USE OF EQUIPMENT. A PRE- OR POST
TEST WITH AN ANSWER KEY IS
APPENDED. (AG)

VT 018 564
HARTMAN, WILLIAM J.
BASIC DRAFTING INSTRUCTIONAL UNITS.
CURRICULUM MATERIAL.

OKLAHOMA STATE DEPT. OF VOCATIONAL
AND TECHNICAL EDUCATION,
STILLWATER.
MF AVAILABLE IN VT-ERIC SET.
CURRICULUM AND INSTRUCTIONAL
MATERIALS CENTER, STATE DEPT. OF
VOC-TECH EDUCATION, 1515 W. 6TH
AVENUE, STILLWATER, OKLAHOMA 74074
(\$12.00)
PUB DATE - 72 524P.

DESCRIPTORS - *STATE CURRICULUM
GUIDES; *INSTRUCTIONAL INNOVATION;
*TRADE AND INDUSTRIAL EDUCATION;
SECONDARY GRADES; TRANSPARENCIES;
GOAL ORIENTATION; BEHAVIORAL
OBJECTIVES; *DRAFTING; *VOCATIONAL
EDUCATION; VOCATIONAL DEVELOPMENT;
INSTRUCTIONAL IMPROVEMENT; LEARNING
ACTIVITIES; OBJECTIVE TESTS; ANSWER
KEYS; MANUFACTURING
IDENTIFIERS - *OKLAHOMA; BEGINNING
COMPETENCE

ABSTRACT - THIS COLOR-KEYED STATE
CURRICULUM GUIDE IS DESIGNED TO
PROVIDE AN INNOVATIVE BASIC
CURRICULUM IN DRAFTING AND TO
PREPARE STUDENTS FOR MORE ADVANCED
STUDIES. DEVELOPED BY A VOCATIONAL
DRAFTING INSTRUCTOR AT AN AREA
VOCATIONAL CENTER, WITH THE AID OF
A STATE CURRICULUM COMMITTEE, THESE
13 INSTRUCTIONAL UNITS SHOULD
CONSTITUTE 60 PERCENT OF THE COURSE
WORK. INTENDED TO IMPROVE DRAFTING
INSTRUCTION UNIFORMLY THROUGHOUT
OKLAHOMA, THIS CODED GUIDE PRESENTS
GENERAL AND SPECIFIC GOALS AND
BEHAVIORAL OBJECTIVES, SUGGESTED
LEARNING ACTIVITIES, STUDENT
ASSIGNMENT SHEETS, AND INFORMATION
SHEETS FOR EACH TOPICAL UNIT.
TRANSPARENCIES, OBJECTIVE TESTS,
AND ANSWER KEYS ARE INCLUDED. A
COURSE RATIONALE PRECEDES
INSTRUCTIONS FOR THE USE OF THIS
PUBLICATION. (AG)

VT 018 890 ED 073 272
 WHAT EVERY EMPLOYER NEEDS TO KNOW
 ABOUT OSHA RECORDKEEPING.

BUREAU OF LABOR STATISTICS (DDL),
 WASHINGTON, D.C.
 EDRS PRICE MF-\$0.65 HC-\$3.29.
 BLS-R-412
 PUB DATE - 72 34P.

DESCRIPTORS - *FEDERAL LEGISLATION;
 RESOURCE GUIDES; LABOR STANDARDS;
 *HEALTH; MEDICAL SERVICES; LABOR
 CONDITIONS; *RECORDKEEPING;
 EMPLOYEES; OCCUPATIONAL DISEASES;
 *INJURIES; *SAFETY; FIRST AID
 IDENTIFIERS - *OCCUPATIONAL SAFETY
 AND HEALTH ACT OF 1970

ABSTRACT - THIS PUBLICATION
 PRESENTS ANSWERS TO THE QUESTIONS
 MOST FREQUENTLY ASKED BY EMPLOYERS
 CONCERNING INJURY AND ILLNESS
 RECORDKEEPING AND REPORTING
 REQUIREMENTS UNDER THE WILLIAMS-
 STEIGER OCCUPATIONAL SAFETY AND
 HEALTH ACT OF 1970. UNDER THIS ACT,
 THE BUREAU OF LABOR STATISTICS OF
 THE U.S. DEPARTMENT OF LABOR IS
 HELD RESPONSIBLE FOR THE
 RECORDKEEPING AND REPORTING
 REQUIREMENTS. TOPICS OF CONCERN ARE
 LISTED ALPHABETICALLY FOR EASY
 REFERENCE. ADDRESSES OF
 OCCUPATIONAL SAFETY AND HEALTH
 ADMINISTRATION REGIONAL OFFICES ARE
 APPENDED, IN ADDITION TO CHARTS
 DEPICTING THE CONDITIONS NECESSARY
 FOR RECORDING OCCUPATIONAL INJURIES
 OR ILLNESSES UNDER THIS ACT. (AG)

VT 018 993 ED 073 288
 MCMINN, J.H., COMP.; MORRIS, KEN,
 COMP.
 CAREER EDUCATION: A HANDBOOK FOR
 PROGRAM INITIATION.

MISSISSIPPI STATE DEPT. OF
 EDUCATION, JACKSON. DIV. OF
 VOCATIONAL AND TECHNICAL EDUCATION.
 EDRS PRICE MF-\$0.65 HC-\$6.58.
 PUB DATE - JUL72 134P.

DESCRIPTORS - *CAREER EDUCATION;
 *VOCATIONAL DEVELOPMENT; SKILL
 DEVELOPMENT; ELEMENTARY GRADES;
 INTERMEDIATE GRADES; SECONDARY
 GRADES; *RESOURCE GUIDES; *PROGRAM

DEVELOPMENT; LEARNING ACTIVITIES;
 CAREER PLANNING; ADMINISTRATOR
 RESPONSIBILITY; TEACHER
 RESPONSIBILITY
 IDENTIFIERS - CAREER AWARENESS;
 CAREER EXPLORATION

ABSTRACT - THIS COMPILATION OF
 IDEAS, SAMPLE ACTIVITIES, AND OTHER
 INFORMATION HAS BEEN PREPARED FOR
 USE BY CLASSROOM TEACHERS,
 COUNSELORS, CAREER EDUCATION
 LEADERS, AND SCHOOL ADMINISTRATORS
 IN INITIATING CAREER EDUCATION
 PROGRAMS. SECTION OF THE HANDBOOK
 PROVIDE: (1) A DESCRIPTION OF THE
 CAREER-CENTERED CURRICULUM, WHICH
 IS A CURRICULUM DESIGNED TO HELP
 STUDENTS DEVELOP SOCIO-LOGICAL,
 PSYCHOLOGICAL, AND OCCUPATIONAL
 SKILLS THROUGH A DEVELOPMENTAL
 PROGRAM DIVIDED INTO STAGES OF
 CAREER AWARENESS, EXPLORATION,
 PREPARATION, AND CONTINUING
 EDUCATION. (2) A LISTING OF THE
 RESPONSIBILITIES OF THE
 ADMINISTRATOR, CAREER EDUCATOR,
 OCCUPATIONAL ORIENTATION TEACHERS,
 COUNSELOR, TEACHER, AND TEACHER
 AIDES IN THE CAREER EDUCATION
 PROGRAMS, (3) A CHART ILLUSTRATING
 CAREER DEVELOPMENT CONCEPTS AT THE
 PRIMARY, INTERMEDIATE, AND
 SECONDARY GRADE LEVELS, (4) A GUIDE
 FOR PLANNING CAREER ACTIVITIES
 BASED ON DEVELOPMENTAL TASKS AND
 CHARACTERISTIC REACTIONS OF CERTAIN
 STAGES OF DEVELOPMENT, AND (5) A
 LISTING OF CAREER ACTIVITIES. THE
 ACTIVITIES WHICH ARE DIVIDED INTO
 ELEMENTARY, MIDDLE SCHOOL, AND HIGH
 SCHOOL LEVELS, CONSIST OF
 INSTRUCTIONAL PROCEDURES,
 RESOURCES, AND MATERIALS KEYED TO
 UNITS OF STUDY AND SUBJECT MATTER
 AREAS. (SB)

VT 019 015
 COOKE, DAVID C.
 HOW AUTOMOBILES ARE MADE.

DOCUMENT NOT AVAILABLE FROM EDRS.
 7103-09051
 DODD, MEAD, & COMPANY, 79 MADISON
 AVE., NEW YORK, NY 10016 (\$3.95)
 PUB DATE - 72 64P. PMM
 COLLECTION; REVISED EDITION.

DESCRIPTORS - CAREER EDUCATION;
 *RESOURCE MATERIALS; INSTRUCTIONAL
 MATERIALS; INDUSTRIAL EDUCATION;
 ELEMENTARY GRADES; SECONDARY
 GRADES; INDEPENDENT READING;
 ILLUSTRATIONS; *MOTOR VEHICLES;
 INDUSTRIAL ARTS; *ASSEMBLY
 (MANUFACTURING); *MASS PRODUCTION;
 ENGINEERS; *OCCUPATIONAL
 INFORMATION
 IDENTIFIERS - CAREER AWARENESS;
 *ATTITUDES APPRECIATIONS

ABSTRACT - THIS BOOK, DIRECTED TO
 STUDENTS OF GRADES 6, 7, 8, AND 9,
 OUTLINES THE STEPS IN THE MAKING OF
 A NEW CAR. THE AUTHOR SHOWS FIRST
 THE WORK OF ENGINEERS AND DESIGNERS
 IN PRODUCING A MODEL. THEN THE REAL
 CAR BEGINS TO TAKE SHAPE, MOVING
 ALONG THE PRODUCTION LINE WITH
 SOMETHING NEW BEING ADDED STEP BY
 STEP. EVERY TIME THE CAR MOVES
 ALONG THE PRODUCTION LINE, THE
 AUTHOR EXPLAINS WHAT IS HAPPENING
 AND SHOWS PHOTOGRAPHS OF EACH STEP,
 UNTIL THE FINISHED AUTOMOBILE IS
 READY FOR THE ROAD. (PM)

VT 019 048
 BUSINESS EDUCATION: WOODWORKING,
 GRADES 7-12.

INSTRUCTIONAL OBJECTIVES EXCHANGE,
 LOS ANGELES, CALIF.
 OFFICE OF EDUCATION (DHEW),
 WASHINGTON, D.C. DIV. OF
 COMPREHENSIVE AND VOCATIONAL
 RESEARCH.; CALIFORNIA UNIV., LOS
 ANGELES. CENTER FOR THE STUDY OF
 EVALUATION.
 DOCUMENT NOT AVAILABLE FROM EDRS.
 INSTRUCTIONAL OBJECTIVES EXCHANGE,
 BOX 24095, LOS ANGELES, CALIFORNIA
 90024 (\$8.00)
 PUB DATE - ND 152P.

DESCRIPTORS - *BEHAVIORAL
 OBJECTIVES; MEASUREMENT GOALS;
 SECONDARY GRADES; MEASUREMENT
 TECHNIQUES; *GUIDELINES;
 INFORMATION DISSEMINATION;
 *WOODWORKING; *INDUSTRIAL ARTS
 TEACHERS; INDUSTRIAL ARTS; TRADE
 AND INDUSTRIAL EDUCATION

ABSTRACT - THIS COLLECTION OF
 INSTRUCTIONAL OBJECTIVES AND

RELATED EVALUATION PROCEDURES FOR
 THE TEACHING OF WOODWORKING WAS
 PREPARED AND DEVELOPED BY A NON-
 PROFIT EDUCATIONAL CORPORATION.
 DESIGNED FOR USE IN GRADES 7-12,
 THE MATERIAL COVERS THE USE OF
 TOOLS, THE READING OF PLANS, AND
 THE PROCESS SKILLS ESSENTIAL TO
 WOODWORKING. THIS COLLECTION IS
 COMPOSED OF 55 OBJECTIVES AND
 RELATED EVALUATION ITEMS. EACH
 OBJECTIVE IS FOLLOWED BY SUGGESTED
 ACTIVITIES AND CRITERIA FOR JUDGING
 THE ADEQUACY OF STUDENT RESPONSES.
 QUESTIONNAIRE PAGES ARE SUPPLIED
 FOR FEEDBACK IN AN EFFORT TO
 IMPROVE THE QUALITY OF THIS
 MATERIAL, AS YET UNTESTED IN THE
 CLASSROOM. (KH)

VT 019 054
 BUSINESS EDUCATION: MECHANICAL
 DRAWING, GRADES 7-12.

INSTRUCTIONAL OBJECTIVES EXCHANGE,
 LOS ANGELES, CALIF.
 OFFICE OF EDUCATION (DHEW),
 WASHINGTON, D.C. DIV. OF
 COMPREHENSIVE AND VOCATIONAL
 RESEARCH.; CALIFORNIA UNIV., LOS
 ANGELES. CENTER FOR THE STUDY OF
 EVALUATION.
 DOCUMENT NOT AVAILABLE FROM EDRS.
 INSTRUCTIONAL OBJECTIVES EXCHANGE,
 BOX 24095, LOS ANGELES, CA 90024
 (\$8.00)
 PUB DATE - 70 97P.

DESCRIPTORS - *BEHAVIORAL
 OBJECTIVES; MEASUREMENT GOALS;
 SECONDARY GRADES; *MEASUREMENT
 TECHNIQUES; *GUIDELINES;
 INFORMATION DISSEMINATION;
 INDUSTRIAL ARTS TEACHERS;
 *INDUSTRIAL ARTS; *DRAFTING;
 ORTHOGONAL PROJECTION

ABSTRACT - THIS COLLECTION OF
 INSTRUCTIONAL OBJECTIVES AND
 RELATED EVALUATION PROCEDURES FOR
 USE IN THE TEACHING OF MECHANICAL
 DRAWING WAS PREPARED AND DEVELOPED
 BY A NON-PROFIT EDUCATIONAL
 CORPORATION. DESIGNED FOR USE IN
 GRADES 7-12, THE MATERIAL COVERED
 INCLUDES BASIC DRAFTING SKILLS,
 ORTHOGRAPHIC PROJECTIONS, PICTORAL
 DRAWINGS, PRODUCTION NOTATIONS, AND

REFERENCE SYMBOLS. THIS COLLECTION CONTAINS 85 OBJECTIVES AND RELATED EVALUATION ITEMS. EACH OBJECTIVE IS FOLLOWED BY SUGGESTED ACTIVITIES AND CRITERIA FOR JUDGING THE ADEQUACY OF STUDENT RESPONSES. QUESTIONNAIRE PAGES ARE SUPPLIED FOR FEEDBACK IN AN EFFORT TO IMPROVE THE QUALITY OF THIS MATERIAL, AS YET UNTESTED IN THE CLASSROOM. (KH)

VT 019 057

BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.

INSTRUCTIONAL OBJECTIVES EXCHANGE,
LOS ANGELES, CALIF.

OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C. DIV. OF
COMPREHENSIVE AND VOCATIONAL
RESEARCH.; CALIFORNIA UNIV., LOS
ANGELES. CENTER FOR THE STUDY OF
EVALUATION.

DOCUMENT NOT AVAILABLE FROM EDRS.
INSTRUCTIONAL OBJECTIVES EXCHANGE,
BOX 24095, LOS ANGELES, CA 90024
(\$8.00)

PUB DATE - 70 192P.

DESCRIPTORS - *BEHAVIORAL
OBJECTIVES; MEASUREMENT GOALS;
*MEASUREMENT TECHNIQUES;
*GUIDELINES; SECONDARY GRADES;
INFORMATION DISSEMINATION;
INDUSTRIAL ARTS TEACHERS; *METALS;
TRADE AND INDUSTRIAL EDUCATION;
*INDUSTRIAL ARTS

ABSTRACT - THIS COLLECTION OF
INSTRUCTIONAL OBJECTIVES AND
RELATED EVALUATION PROCEDURES FOR
USE IN THE TEACHING OF GENERAL
METALS WAS PREPARED AND REFINED
BY A NON-PROFIT EDUCATIONAL
CORPORATION. DESIGNED FOR USE IN
GRADES 7-12, THE MATERIAL COVERED
INCLUDES PROPERTY OF METALS,
OPERATIONS AND FUNCTIONS, FILING,
SOLDERING, RIVETING, AND BUFFING.
THIS COLLECTION CONTAINS 90
OBJECTIVES AND RELATED EVALUATION
ITEMS. EACH OBJECTIVE IS FOLLOWED
BY SUGGESTED ACTIVITIES AND
CRITERIA FOR JUDGING THE ADEQUACY
OF STUDENT RESPONSES. QUESTIONNAIRE
PAGES ARE SUPPLIED FOR FEEDBACK IN
AN EFFORT TO IMPROVE THE QUALITY OF

INDUSTRIAL ARTS

THIS MATERIAL, AS YET UNTESTED IN
THE CLASSROOM. (KH)

VT 019 135

TREADWELL, DONNIE E., AND OTHERS
CURRICULUM GUIDE FOR AUTO
MECHANICS, 1972.

BEGGS EDUCATIONAL CENTER,
PENSACOLA, FLA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 213P.

DESCRIPTORS - *CURRICULUM GUIDES;
BEHAVIORAL OBJECTIVES; *AUTO
MECHANICS (OCCUPATION);
*OCCUPATIONAL INFORMATION;
*VOCATIONAL EDUCATION;
*ACADEMICALLY HANDICAPPED;
DISADVANTAGED YOUTH; TASK ANALYSIS;
OBJECTIVE TESTS; VISUAL AIDS;
COURSE DESCRIPTIONS; JOB ANALYSIS;
MECHANICS (PROCESS); BASIC SKILLS
IDENTIFIERS - EMPLOYMENT SKILLS

ABSTRACT -- THIS CURRICULUM GUIDE
FOR AN AUTO MECHANICS COURSE FOR
ACADEMICALLY HANDICAPPED AND
DISADVANTAGED STUDENTS BETWEEN THE
AGES OF 13 AND 18 INCLUDES A BRIEF
COURSE DESCRIPTION, COURSE
PREREQUISITES, AND EXTENSIVE
OCCUPATIONAL INFORMATION. FOR EACH
MECHANICAL OCCUPATION, BEHAVIORAL
OBJECTIVES, VISUAL AIDS, OBJECTIVE
TESTS, AND TASK PERFORMANCE
ANALYSES ARE GIVEN. THE FOLLOWING
OCCUPATIONS ARE DESCRIBED: (1)
SERVICE STATION ATTENDANT, (2)
BRAKE AND ALIGNMENT MECHANIC, (3)
TUNE-UP MECHANIC, (4) POWER SYSTEM
MECHANIC, AND (5) SMALL ENGINE
MECHANIC, SUCH AS LAWN MOWER, CHAIN
SAW, AND MARINE MECHANICAL WORK.
THIS DOCUMENT WAS DEVELOPED BY
VOCATIONAL AND ACADEMIC TEACHERS
AND COORDINATORS, AND A CURRICULUM
SPECIALIST. (AG)

VT 019 167

DICKEY, FLOYD M.
CURRICULUM GUIDE FOR BEGINNING
METALS.

SOUTH BEND COMMUNITY SCHOOL CORP.,
IND.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 19P.

INDUSTRIAL ARTS

DESCRIPTORS - *CURRICULUM GUIDES; SECONDARY GRADES; *INDUSTRIAL ARTS; *METALS; *WORKSHEETS; TEACHING GUIDES; *OCCUPATIONAL INFORMATION; *METAL WORKING OCCUPATIONS

ABSTRACT - THIS CURRICULUM GUIDE, DEVELOPED BY THE INDUSTRIAL EDUCATION DEPARTMENT OF A LOCAL SCHOOL SYSTEM, OUTLINES THE MATERIAL TO BE COVERED IN ORDER TO INTRODUCE BEGINNING STUDENTS IN INDUSTRIAL ARTS CLASSES TO THE METAL INDUSTRY IN GENERAL, SPECIFIC PROCESSES USED IN THE TRADE, AND APPROPRIATE BEHAVIOR AND ATTITUDES TOWARD METAL WORKING AS AN OCCUPATION. THE COURSE OUTLINE CONTAINS A LIST OF SPECIFIC OBJECTIVES AND 15 PAGES OF WORKSHEETS WHICH THE STUDENT CAN USE IN HIS CLASSROOM STUDY. (DL)

VT 019 269
JENNINGS, ELEANOR
MOVING PRODUCTS BY LAND
TRANSPORTATION: A UNIT IN THE
TRANSPORTATION OCCUPATIONS CLUSTER.
ELEMENTARY SCHOOL UNIT FOR GRADES
2-6.

ORANGE COUNTY PUBLIC SCHOOLS,
ORLANDO, FLA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 15P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; ELEMENTARY GRADES; *CURRICULUM GUIDES; *TRANSPORTATION; *COURSE CONTENT; *BEHAVIORAL OBJECTIVES; LEARNING ACTIVITIES; EVALUATION; RESOURCE MATERIALS; OCCUPATIONAL INFORMATION; OCCUPATIONAL UNITS OF STUDY (SUBJECT FIELDS) IDENTIFIERS - CAREER AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - THIS ELEMENTARY SCHOOL UNIT IS DESIGNED TO DEVELOP IN STUDENTS AN AWARENESS OF THE VARIOUS CAREERS INVOLVED IN LAND TRANSPORTATION. THE UNIT CONTAINS: (1) A LIST OF BEHAVIORAL OBJECTIVES AND CONCEPTS, (2) AN OUTLINE OF SUBJECT MATTER TO BE COVERED IN THE UNIT, (3) A DESCRIPTION OF

ACTIVITIES, (4) A LIST OF STUDENT MATERIALS, (5) AN EVALUATION SECTION, AND (6) A BIBLIOGRAPHY. (AUTHOR/DL)

VT 019 340 ED 073 324
BASLYK, LYDIA, COMP.
ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.

RHODE ISLAND COLL., PROVIDENCE.
CURRICULUM RESOURCES CENTER.
EDRS PRICE MF-\$0.65 HC-\$3.29.
PUB DATE - FEB73 24P.

DESCRIPTORS - *CAREER EDUCATION; *ANNOTATED BIBLIOGRAPHIES; VOCATIONAL EDUCATION; HUMANITIES; AUDIOVISUAL AIDS; *CURRICULUM DEVELOPMENT; *VOCATIONAL DEVELOPMENT; *ABSTRACTS; BOOKS; MICROFICHE; *INSTRUCTIONAL MATERIALS IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION PROVIDES DESCRIPTIONS OF MATERIALS AVAILABLE AT THE CURRICULUM RESOURCES CENTER, GROUPED INTO THESE CATEGORIES: (1) BOOKS, (2) CASSETTES, (3) FILMSTRIP KITS, (4) GUIDEBOOKS FOR CURRICULUM DEVELOPMENT, (5) MICROFICHE, (6) MULTIMEDIA KITS, AND (7) BIBLIOGRAPHIES. EACH ANNOTATION MENTIONS, AS APPROPRIATE, THE TOPICS COVERED IN THE DOCUMENT, THE PURPOSE OF THE DOCUMENT, THE TARGET AUDIENCE, LOCAL CATALOG NUMBERS AND THE TYPE OF DOCUMENT. (AG)

VT 020 552
FREEMAN, EVELYN, AND OTHERS
MANUFACTURING UNIT. INTERMEDIATE LEVEL.

SOUTH-WESTERN CITY SCHOOL DISTRICT,
GROVE CITY, OHIO.
MF AVAILABLE IN VT-ERIC SET.
SOUTH-WESTERN CITY SCHOOL DISTRICT,
3708 SOUTH BROADWAY, GROVE CITY,
OHIO 43123
PUB DATE - ND 54P.

DESCRIPTORS - INSTRUCTIONAL MATERIALS; TEACHER DEVELOPED MATERIALS; *TEACHING GUIDES; *UNIT



PLAN; INTERMEDIATE GRADES;
 *MANUFACTURING; LEARNING
 ACTIVITIES; BEHAVIORAL OBJECTIVES;
 *INDUSTRY; *INDUSTRIAL EDUCATION
 IDENTIFIERS - ECONOMIC AWARENESS;
 *CAREER AWARENESS

ABSTRACT - THIS INSTRUCTIONAL UNIT ON MANUFACTURING, DEVELOPED BY A GROUP OF TEACHERS IN AN OHIO SCHOOL SYSTEM, IS PLANNED FOR USE BY TEACHERS IN THE INTERMEDIATE GRADES. ORGANIZED IN CHART FORM, THE UNIT PLAN LISTS SPECIFIC LEARNING OBJECTIVES FOR STUDENTS, SUGGESTED TEACHING ACTIVITIES AND THE THINKING SKILLS INHERENT IN EACH ACTIVITY. A BRIEF DEFINITION AND RATIONALE FOR EACH SKILL IS INCLUDED IN THE UNIT, AS WELL AS A LIST OF RESOURCE MATERIALS WHICH MAY BE UTILIZED. INSTRUCTIONS ARE GIVEN FOR ASSESSMENT OF THE UNIT THROUGH GUIDED CLASS DISCUSSION. (KH)

VT 100 006
 POWER TECHNOLOGY: A CURRICULUM GUIDE FOR INDUSTRIAL ARTS.

ARIZONA STATE DEPT. OF VOCATIONAL EDUCATION, PHOENIX.
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - ND 72P.

DESCRIPTORS - *CURRICULUM GUIDES;
 *ELECTROMECHANICAL TECHNOLOGY;
 *POWER MECHANICS; *TECHNOLOGY;
 *VOCATIONAL EDUCATION; AUTO MECHANICS; COURSE CONTENT; EDUCATIONAL OBJECTIVES; INDUSTRIAL ARTS; INDUSTRIAL EDUCATION; INSTRUCTIONAL AIDS IDENTIFIERS - EDUCATIONAL AWARENESS; EMPLOYMENT SKILLS

ABSTRACT - DEVELOPED BY A STATE DEPARTMENT OF VOCATIONAL EDUCATION, THIS CURRICULUM GUIDE ON POWER TECHNOLOGY IS DESIGNED TO ASSIST INSTRUCTORS IN PLANNING A COURSE OF STUDY IN POWER TECHNOLOGY AND TO STIMULATE AND ENCOURAGE THE USE OF THE LATEST MATERIALS AND METHODS OF INSTRUCTION. THIS GUIDE IS ALSO TO SERVE AS A SOURCE OF INFORMATION TO ADMINISTRATORS, COUNSELORS AND TEACHERS OF OTHER SUBJECT FIELDS SO

AS TO ENABLE THEM TO BETTER UNDERSTAND PROGRAMS DEALING WITH POWER TECHNOLOGY. CONTENTS OF THE BOOKLET INCLUDE THE FOLLOWING TOPICAL AREAS: (1) A DISCUSSION OF THE SIGNIFICANCE OF POWER TECHNOLOGY, (2) A STATEMENT OF THE GENERAL OBJECTIVES OF INDUSTRIAL ARTS AND POWER TECHNOLOGY, (3) A DESCRIPTION OF OBJECTIVES FOR AND USE OF THE CURRICULUM GUIDE, (4) A DESCRIPTION OF EDUCATIONAL OBJECTIVES, AND A COURSE CONTENT OUTLINE FOR EXPLORATORY, BASIC, AND ADVANCED POWER TECHNOLOGY. A LABORATORY SERVICE SECTION INCLUDES A LISTING OF HAND TOOLS, EQUIPMENT, AND FURNITURE USED IN EACH COURSE. A COMPREHENSIVE APPENDIX APPEARS AT THE END OF THE GUIDE AND INCLUDES A LIST OF BOOKS, PERIODICALS, CHARTS, PAMPHLETS, ETC. (AUTHOR/DL)

VT 100 001
 DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.

INDEPENDENCE HIGH SCHOOL, KANS.;
 BURLINGTON HIGH SCHOOL, KANS.;
 SHAWNEE MISSION PUBLIC SCHOOLS, KANS.
 OFFICE OF EDUCATION (DHEW),
 WASHINGTON, D.C.
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - 72 61P.

DESCRIPTORS - *COMMUNICATIONS;
 *INDUSTRIAL ARTS; *MEDIA TECHNOLOGY; *TEACHING GUIDES;
 *TEACHER WORKSHOPS; ACTIVITY UNITS; BEHAVIORAL OBJECTIVES; COURSE CONTENT; SECONDARY GRADES; SUMMER WORKSHOPS IDENTIFIERS - *KANSAS

ABSTRACT - A TRIAL GUIDE FOR TEACHING CONCEPTUALLY THE SYSTEM OF COMMUNICATIONS TECHNOLOGY IN INDUSTRIAL ARTS WAS DEVELOPED DURING THE KANSAS 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY. GOALS AND OBJECTIVES FOR INDUSTRIAL ARTS IN GRADES 7

THROUGH 12 AND FOR COMMUNICATIONS TECHNOLOGY ARE PRESENTED IN THE DOCUMENT. A COMMUNICATIONS TECHNOLOGY COURSE CONTENT OUTLINE IS FOLLOWED BY ACTIVITY SHEETS FOR EACH UNIT OF THE COURSE. THE ACTIVITIES INCLUDE TELEVISION, PHOTOGRAPHY, PRINTING, DRAWING, AUDIO, MODELS, AND PRODUCT DEVELOPMENT AND PRESENTATION. THE COURSE CONTENT IS TO BE TRIED DURING THE 1972-73 SCHOOL YEAR, WITH THE 1973 SUMMER WORKSHOP SERVING AS A REVISION AND SYNTHESIS FOR THE TEACHERS WHO USED THE GUIDE. (MF)

VT 100 032

DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER (CONVERSION, TRANSMISSION AND UTILIZATION).

INDEPENDENCE HIGH SCHOOL, KANS.;
BURLINGTON HIGH SCHOOL, KANS.;
SHAWNEE MISSION PUBLIC SCHOOLS,
KANS.

OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 112P.

DESCRIPTORS - *ELECTROMECHANICAL TECHNOLOGY; *KINETICS; *POWER MECHANICS; *TEACHER WORKSHOPS; *TEACHING GUIDES; ACTIVITY UNITS; BEHAVIORAL OBJECTIVES; COURSE CONTENT; ENERGY; FLUID POWER EDUCATION; INDUSTRIAL ARTS; SECONDARY GRADES; SUMMER WORKSHOPS IDENTIFIERS - *KANSAS

ABSTRACT - A TRIAL GUIDE FOR TEACHING CONCEPTUALLY THE SYSTEM OF POWER IN INDUSTRIAL ARTS WAS DEVELOPED DURING THE KANSAS 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY. GOALS AND OBJECTIVES FOR INDUSTRIAL ARTS IN GRADES 7 THROUGH 12 AND FOR POWER AND ENERGY ARE PRESENTED IN THE DOCUMENT. A CONTENT OUTLINE FOR POWER AND ENERGY COURSES IS FOLLOWED BY SUGGESTED DEMONSTRATION

LESSONS AND ACTIVITIES WHICH STRESS THE TOTAL SYSTEM CONCEPT. THE LESSONS AND ACTIVITIES INCLUDE CONTROL OF MECHANICAL, ELECTRICAL, CHEMICAL, THERMAL, RADIANT, AND NUCLEAR ENERGY AND ITS CONVERSION, TRANSMISSION, AND UTILIZATION. ADDITIONS AND CORRECTIONS WILL BE MADE TO THE COURSE CONTENT THROUGHOUT THE 1972-73 SCHOOL YEAR AS VARIOUS UNITS ARE TAUGHT, WITH THE 1973 SUMMER WORKSHOP SERVING AS A REVISION AND SYNTHESIS FOR THE TEACHERS WHO USED THE GUIDE. (MF)

VT 100 049

BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.

INSTRUCTIONAL OBJECTIVES EXCHANGE,
LOS ANGELES, CALIF.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C. DIV. OF
COMPREHENSIVE AND VOCATIONAL
RESEARCH.; CALIFORNIA UNIV., LOS
ANGELES. CENTER FOR THE STUDY OF
EVALUATION.

MF AVAILABLE IN VT-ERIC SET.
INSTRUCTIONAL OBJECTIVES EXCHANGE,
BOX 24095, LOS ANGELES, CA 90024
(\$8.00)
PUB DATE - 70 274P.

DESCRIPTORS - *BEHAVIORAL OBJECTIVES; *VOCATIONAL EDUCATION; HIGH SCHOOL CURRICULUM; *AUTO MECHANICS (OCCUPATION); FEEDBACK; EVALUATION TECHNIQUES; *PERFORMANCE CRITERIA; *AUTO MECHANICS; GOAL ORIENTATION; OBJECTIVE TESTS; VOCATIONAL DEVELOPMENT

ABSTRACT - FOR A VOCATIONAL PROGRAM IN AUTO MECHANICS FOR GRADES 10, 11, AND 12, A SERIES OF 185 TENTATIVE PERFORMANCE OBJECTIVES ARE PROVIDED. FOR EACH OVERALL OBJECTIVE, A SAMPLE PROCEDURE WITH SPECIFIC STEPS IS GIVEN. MULTIPLE-CHOICE QUESTIONS ARE INCLUDED FOR 44 OBJECTIVES. DEVELOPED BY AN INSTRUCTOR AND PARTIALLY SUPPORTED BY FEDERAL RESEARCH FUNDS, THIS HANDBOOK INCLUDES EVALUATION QUESTIONNAIRES FOR TEACHER FEEDBACK. (AG)

VT 100 112

CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (QUIN-1). COURSE OUTLINE.

DADE COUNTY PUBLIC SCHOOLS, MIAMI, FLA.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 126P.

DESCRIPTORS - *CAREERS; *CAREER OPPORTUNITIES; *COURSE CONTENT; *CURRICULUM GUIDES; *OCCUPATIONAL INFORMATION; AUTO MECHANICS (OCCUPATION); AVIATION MECHANICS; DEVELOPMENTAL PROGRAMS; INSTRUCTIONAL MATERIALS; INTERMEDIATE GRADES; MARINE TECHNICIANS

ABSTRACT - PREPARED BY A FLORIDA PUBLIC SCHOOL SYSTEM, THIS COURSE OUTLINE IS INTENDED AS A GUIDE TO ASSIST THE JUNIOR HIGH SCHOOL STUDENT IN EXPLORING THE FIELD OF MECHANICAL TRADES BY PRESENTING HIM WITH AN OVERVIEW OF VARIOUS CAREERS AND OPPORTUNITIES IN THIS BROAD AREA. COURSE CONTENT IS PRESENTED IN FOUR BASIC BLOCKS: (1) ORIENTATION, (2) INTRODUCTION TO TOOLS AND EQUIPMENT, (3) INTRODUCTION TO THE INTERNAL COMBUSTION ENGINE, (4) INTRODUCTION TO THE SINGLE CYLINDER FOUR-STROKE CYCLE ENGINE. AN APPENDIX CONTAINS A SAMPLE PRE- AND POSTTEST AND ANSWER KEY. (AUTHOR/DL)

VT 100 113

TECHNICAL CLUSTER II: GRAPHIC ARTS, VOLUME F: PRODUCTION PRINTING.

LEARNING SYSTEMS, INC., WASHINGTON, D.C.

DEPARTMENT OF JUSTICE, WASHINGTON, D.C. BUREAU OF PRISONS.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 131P.

DESCRIPTORS - *ADULT EDUCATION; *GRAPHIC ARTS; *PRINTING; *PUBLISHING INDUSTRY; *REPROGRAPHY; ENTRY WORKERS; LESSON PLANS; PHOTOCOMPOSITION; PROJECT TRAINING METHODS; TECHNICAL EDUCATION; VOCATIONAL EDUCATION

ABSTRACT - THIS COURSE OF STUDY IS INTENDED FOR USE IN A CLUSTER CONCEPT PROGRAM AS PART OF AN INTEGRATED CURRICULUM. THE TOTAL PROGRAM AIMS TO PREPARE STUDENTS WITH THE BASIC SKILLS NEEDED TO ENTER A NUMBER OF OCCUPATIONS IN THE GRAPHIC ARTS CLUSTER. THIS 1-MONTH COURSE DEALS WITH PRODUCTION PRINTING. SINCE EMPHASIS IS ON THE APPLICATION OF KNOWLEDGE AND SKILLS ACQUIRED IN PREVIOUS UNITS, THE PROJECT TRAINING METHOD IS USED. THE 20 UNITS OF THE COURSE PROVIDE LESSON PLANS, REFERENCES, AUDIO-VISUAL MATERIALS, AND SUGGESTED ACTIVITIES. THE APPENDIX CONTAINS A PRESCRIPTION PROFILE FOR EMPLOYMENT IN WHICH THE INDUSTRY, THE OCCUPATIONS WITHIN PRODUCTION PRINTING, AND THE VARIOUS PARTS OF THE PROCESS ARE DESCRIBED IN TERMS OF JOB DESCRIPTION. RELATED DOCUMENTS ARE AVAILABLE AS VT OOB 349-VT OOB 353 AIM FALL, 1969. (MU)

VT 100 122

ROMINE, DELORES.

"WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.

DAVID DOUGLAS PUBLIC SCHOOLS, PORTLAND OREG.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AVAILABLE IN VT-ERIC SET.
OEG-70-5187(361)

PUB DATE - ND 82P.

DESCRIPTORS - *CAREER EDUCATION; PRIMARY GRADES; *DEVELOPMENTAL PROGRAMS; *TEACHING GUIDES; FILMS; *INSTRUCTIONAL MATERIALS; FORESTRY OCCUPATIONS; *NATURAL RESOURCES; LEARNING ACTIVITIES; EDUCATIONAL GAMES; SIMULATION
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - DESIGNED FOR STUDENTS 6 TO 9 YEARS OF AGE, THIS UNIT IS ABOUT LOGGING IN OREGON. THE AIM OF CAREER EDUCATION AT THE PRIMARY LEVEL IS TO MAKE THE STUDENT AWARE OF JOBS AVAILABLE IN THE STATE. THE UNIT CONSISTS OF FOUR SECTIONS: (1) A TEACHER'S GUIDE, (2) A FILM LIST, (3) A LIST OF AVAILABLE BULLETIN BOARD MATERIALS, AND (4) AN

EVALUATION OF THE UNIT. IN THE APPENDICES THERE ARE SAMPLE TRANSPARENCY MASTERS AND THE SAMPLE STUDENT HANDBOOK, "MY DAD IS A LOGGER." THE TEACHER'S GUIDE CONTAINS A SAMPLE CLASSROOM PRESENTATION, THINGS TO DO, POSTERS TO MAKE, SUBJECTS TO EXPLORE, SUGGESTED ACTIVITIES, AND DIRECTIONS FOR USE OF THE TRANSPARENCIES AND BOOKLET. A GAMING UNIT ON ENVIRONMENTAL MANAGEMENT AND A GEORGIA PACIFIC NEWSLETTER. (DL)

VT 100 147

HAND TOOLS FOR METALWORKING TRADES.

TEXAS UNIV., AUSTIN. DIV. OF EXTENSION.

DOCUMENT NOT AVAILABLE FROM EDRS. INSTRUCTIONAL MATERIALS SERVICES, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712 (\$7.00)

PUB DATE - MAR72 130P. 3RD EDITION

DESCRIPTORS - *TRADE AND INDUSTRIAL EDUCATION; *HAND TOOLS; *METAL WORKING OCCUPATIONS; *INSTRUCTIONAL MATERIALS; MANUALS

IDENTIFIERS - EMPLOYMENT SKILLS

ABSTRACT - THIS MANUAL IS WRITTEN AS A REFERENCE BOOKLET FOR BOTH THE INSTRUCTOR AND THE STUDENT INVOLVED IN BASIC METALWORKING OPERATIONS. DESIGNED TO PROVIDE BACKGROUND INFORMATION AND SKILL IN THE USE OF BASIC TOOLS, THE MANUAL DESCRIBES THE PROPER MANNER OF DESIGNATING TYPES, SIZES, AND MAKES OF TOOLS, EXPLAINS HOW TO CARE FOR TOOLS, HOW THEY SHOULD BE STORED, AND THE SAFETY CONSIDERATIONS INVOLVED IN THEIR USE. THE MANUAL ALSO DESCRIBES AND ILLUSTRATES THE STANDARDS OF DESIGN AND CONSTRUCTION FOR VARIOUS HAND TOOLS AND SPECIFIES WHAT LIMITATIONS SHOULD BE IMPOSED DURING THEIR USE. THE HAND TOOLS DISCUSSED INCLUDE HACKSAWS, FILES, HAMMERS, CHISELS AND PUNCHES, VISES AND CLAMPS, MEASURING AND LAYOUT TOOLS, WRENCHES, SCREWDRIVERS, DRILLS, THREADING TOOLS, REAMERS, SOLDERING

TOOLS, AND GAUGES. (AUTHOR/DL)

VT 100 265

JOHNSON, JAMES
INDUSTRIAL PLASTICS. COURSE CURRICULUM.

GRAND FORKS PUBLIC SCHOOLS, N. DAK.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 47P.

DESCRIPTORS - *CURRICULUM GUIDES; *INDUSTRIAL EDUCATION; *PLASTICS; *TEACHING GUIDES; COURSE CONTENT; INDUSTRIAL ARTS; SECONDARY GRADES

ABSTRACT - THIS CURRICULUM GUIDE FOR A 1-SEMESTER COURSE IN PLASTICS FOR THE SECONDARY GRADES IS DESIGNED TO DEVELOP IN A STUDENT A GENERAL KNOWLEDGE, UNDERSTANDING, AND INSIGHT INTO THE INDUSTRY. BEHAVIORAL OBJECTIVES ARE OUTLINED FOR THE FOLLOWING GENERAL TOPICS: (1) AN INTRODUCTION TO THE INDUSTRY, (2) GENERAL TYPES OF PLASTICS, (3) INDUSTRIAL PROCESSES, TOOLS, AND EQUIPMENT, AND (4) WORKING WITH PLASTIC. EACH UNIT CONTAINS REFERENCES AND NOTES TO THE TEACHER, CLASSROOM AIDS, AND AN OUTLINE OF INSTRUCTIONAL CONTENT. A GLOSSARY OF TERMS ORGANIZED BY THE UNITS OF INSTRUCTION AND 17 TRANSPARENCIES ARE INCLUDED. (MU)

VT 100 302

HARRIS, LOU
INDUSTRIAL ARTS ELECTRICITY-
ELECTRONICS WORKSHOP MANUAL.

ILLINOIS STATE OFFICE OF THE SUPERINTENDENT OF PUBLIC INSTRUCTION, SPRINGFIELD
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 27P.

DESCRIPTORS - *ELECTRICITY; *ELECTRONICS; *INDUSTRIAL ARTS; *LABORATORY MANUALS; *TEACHER WORKSHOPS; INSTRUCTIONAL MATERIALS; TEXTBOOKS

ABSTRACT - THIS PUBLICATION WAS DEVELOPED TO SERVE AS A TEXT AND LABORATORY MANUAL FOR THE BASIC ELECTRICITY/ELECTRONICS WORKSHOP SERIES WHICH WAS INSTITUTED TO

FACILITATE THE IMPROVEMENT OF INDUSTRIAL ARTS TEACHERS AT THE EIGHTH AND NINTH GRADE LEVELS IN SPRINGFIELD, ILLINOIS. INCLUDED IN ITS CONTENTS ARE AN INTRODUCTION TO THE PHENOMENON OF ELECTRICITY, AND LESSONS AND SUGGESTED METHODS OF PRESENTATION COVERING THREE BROAD TOPICAL AREAS. THE CONTENT AREAS PRESENTED ARE: (1) ELECTRICITY, (2) UNITS AND SYMBOLS, AND (3) ELECTRICAL LAWS. (SN)

VT 100 305

SELLERS, ROBERT C., ED.
BASIC TRAINING GUIDE TO THE NEW METRICS AND SI UNITS.

NATIONAL TOOL, DIE AND PRECISION MACHINING ASSOCIATION, WASHINGTON, D.C

DOCUMENT NOT AVAILABLE IN VT-ERIC SET.

NATIONAL TOOL, DIE AND PRECISION MACHINING ASSOCIATION, 9300 LIVINGSTON ROAD, WASHINGTON, D.C. 20022

PUB DATE - MAR72 63P.

DESCRIPTORS - *METRIC SYSTEM; MEASUREMENT; STANDARDS; STUDY GUIDES

IDENTIFIERS - *CONVERSION TABLES

ABSTRACT - THIS BOOKLET PRESENTS MEASUREMENT DEFINITIONS AND INFORMATION ABOUT THE VARIOUS UNITS OF MEASUREMENT IN THE INTERNATIONAL SYSTEM OF UNITS KNOWN AS THE METRIC SYSTEM. INCLUDED ARE BASIC AND DERIVED UNITS, CONVERSION FACTORS FOR CUSTOMARY AND METRIC UNITS, CONVERSION TABLES, AND MULTIPLE FACTOR AND OTHER CONVERSION CHARTS. (MF)

VT 100 310

INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.

OREGON STATE UNIV., CORVALLIS.; OREGON STATE BOARD OF EDUCATION, SALEM.

DOCUMENT NOT AVAILABLE IN VT-ERIC SET.

CONTINUING EDUCATION PRESS, WALDO 100, OREGON STATE UNIVERSITY, CORVALLIS, OR. 97331

PUB DATE - 71 4800P.

DESCRIPTORS - *ELECTRICITY; *ELECTRONICS; *INDIVIDUALIZED CURRICULUM; *STUDY GUIDES; *VOCATIONAL EDUCATION; CLASSROOM MATERIALS; SUPPLEMENTARY READING MATERIALS

ABSTRACT - THIS INDIVIDUALIZED CURRICULUM FOR ELECTRONICS (ICE) CONSISTS OF OVER 200 LEARNING PACKAGES WHICH PROVIDE SINGLE CONCEPT STUDY GUIDES FOR STUDENTS' USE. THE PACKAGES BEGIN WITH THOSE DEALING WITH CAREER CHOICE AND PROCEED THROUGH INDIVIDUAL JOB REQUIREMENT INFORMATION, ELECTRICAL PROCESSES AND LAWS, AND MORE COMPLEX CONCEPTS IN THE FIELD. EACH PACKAGE, A SEPARATE LESSON IN ITSELF, EXPLAINS ITS PURPOSE, AND INCLUDES OBJECTIVES, STUDY DIRECTIONS, LEARNING OPPORTUNITIES, AN EXPERIMENT, A SELF-TEST WITH ANSWERS, AND TWO POSTTESTS. TWO TEACHER'S ANSWER BOOKS FOR THE POSTTESTS ARE PROVIDED. (MU)

VT 100 446

PALMER, JOHN C.
A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.

SAN DIEGO CITY SCHOOLS, CALIF.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 217P.

DESCRIPTORS - *ENGINES; *INDUSTRIAL ARTS; *INDUSTRIAL EDUCATION; *POWER MECHANICS; *TEACHING GUIDES; JUNIOR HIGH SCHOOL STUDENTS; MANUALS; SECONDARY GRADES
IDENTIFIERS - *SAN DIEGO CITY SCHOOLS

ABSTRACT - THIS MANUAL FOR A 1-SEMESTER COURSE IN INDUSTRIAL EDUCATION IN THE SAN DIEGO CITY SCHOOLS IS A TEACHER'S GUIDE PROVIDING, IN A 4-COLUMN FORMAT, THE TOPICS, SPECIAL UNIT OBJECTIVES, SUGGESTED ACTIVITIES, AND MATERIALS NEEDED. AN INTRODUCTION TO THE TEACHER LISTS THE TEXTS REFERRED TO. THE FOUR UNITS OF INSTRUCTION ARE: (1) ORIENTATION AND SAFETY, (2)

DEVELOPMENT OF POWER, (3) PISTON ENGINES, AND (4) SERVICING AND RECONDITIONING. THE APPENDIX CONTAINS REFERENCES, WORK SHEETS, LAB ASSIGNMENTS, AND TESTS, ALL KEYED TO APPROPRIATE SECTIONS OF THE GUIDE. (MU)

VT 100 449

A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOMEMAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.

TULSA PUBLIC SCHOOLS, OKLA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 51P.

DESCRIPTORS - *CAREER EDUCATION;
*CURRICULUM GUIDES; *JUNIOR HIGH SCHOOLS; *OCCUPATIONAL INFORMATION;
*PROGRAM DESCRIPTIONS; BUSINESS EDUCATION; FAMILY LIFE EDUCATION;
INDUSTRIAL ARTS; SECONDARY GRADES IDENTIFIERS - *TULSA PUBLIC SCHOOLS; CAREER EXPLORATION

ABSTRACT - THIS GUIDE IS DESIGNED FOR TEACHERS OF THE JUNIOR HIGH SCHOOL GRADES TO USE IN INTEGRATING CAREER EDUCATION CONCEPTS OF CAREER CLUSTERS INTO THE TULSA CITY SCHOOLS. CLASSES OF INDUSTRIAL ARTS, BUSINESS EDUCATION, AND FAMILY LIFE ARE USED AS THE VEHICLES IN IMPLEMENTING THE PROGRAM. PART I INTRODUCES PATTERNS OF EMPLOYMENT, THE MAJOR OCCUPATIONAL AREAS, AND INFORMATION AND REQUIREMENTS FOR ADMISSION INTO OCCUPATIONAL TRAINING PROGRAMS. PART II ANALYZES THE MAJOR OCCUPATIONS TO PRESENT THE OCCUPATIONAL CLUSTERS USEFUL IN AN EXPLORATION OF CAREER POSSIBILITIES. (MU)

VT 100 455

SOLOMITA, ARMAND R.
SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.

SOUTHINGTON PUBLIC SCHOOLS, CONN.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 33P.

DESCRIPTORS - *CAREER EDUCATION;
*CLASS ACTIVITIES; *INTEGRATED CURRICULUM; *LEARNING ACTIVITIES;
*MANUALS
IDENTIFIERS - *SOUTHINGTON PUBLIC SCHOOLS

ABSTRACT - THIS MANUAL IS DESIGNED TO ASSIST THE JUNIOR HIGH SCHOOL TEACHERS IN THE SOUTHINGTON SCHOOLS IN INTRODUCING CAREER EDUCATION CONCEPTS INTO THE CURRICULUM. SEVERAL CLASSROOM ACTIVITIES ARE PROVIDED FOR EACH OF THE FOLLOWING CLASSES: MATHEMATICS, ENGLISH, SCIENCE, LANGUAGES, SOCIAL STUDIES, BUSINESS, HOME ECONOMICS, ART, PHYSICAL EDUCATION, AND INDUSTRIAL ARTS. (MU)

VT 100 458

SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.

CLEMSON UNIV., S.C. VOCATIONAL EDUCATION MEDIA CENTER.; SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 43P.

DESCRIPTORS - *AUTO MECHANICS;
*ENGINES; *PROGRAMED TEXTS; *STUDY GUIDES; *TRADE AND INDUSTRIAL EDUCATION; MACHINE REPAIRMEN;
MANUALS; MECHANICS (PROCESS)

ABSTRACT - THIS PROGRAMED STUDY GUIDE IS FOR THE STUDENT'S USE FOLLOWING THE INTRODUCTORY CLASSES ON SMALL GASOLINE ENGINES AND AFTER INSTRUCTION IN THE BASIC PRINCIPLES OF OPERATION OF SMALL ENGINES, PROPER USE OF HAND TOOLS, AND SHOP SAFETY. THE UNIT IS DESIGNED FOR INDIVIDUAL USE WITH A MINIMUM OF TEACHER INVOLVEMENT. EACH STUDENT SHOULD HAVE A MANUAL, A SMALL GASOLINE ENGINE, THE TOOLS LISTED, AND A SUFFICIENT WORK SPACE SO AS NOT TO BE CROWDED. FOR THE ENGINE PARTS IDENTIFICATION AND THE CARBURETOR PARTS, A PREPARED WORKSHEET WOULD BE OF VALUE. (AUTHOR/MU)

VT 100 473

TENNYSON, W. WESLEY, AND OTHERS
THE TEACHER'S ROLE IN CAREER
DEVELOPMENT.

MINNESOTA STATE DEPT. OF EDUCATION,
ST. PAUL.; NATIONAL VOCATIONAL
GUIDANCE ASSOCIATION, WASHINGTON,
D.C.

MF AVAILABLE IN VT-ERIC SET.
AMERICAN PERSONNEL AND GUIDANCE
ASSOCIATION, PUBLICATIONS SALES,
1607 NEW HAMPSHIRE AVENUE, N.W.,
WASHINGTON, D.C. 20009 (\$1.90)
PUB DATE - 65 108P. REVISED
EDITION. ORIGINALLY PREPARED IN
1960 BY MINNESOTA STATE DEPT. OF
EDUCATION. REPRINTED IN 1971 BY
NATIONAL VOCATIONAL GUIDANCE
ASSOCIATION.

DESCRIPTORS - *RELEVANCE
(EDUCATION); *TEACHER ATTITUDES;
*TEACHER EDUCATION; *TEACHER ROLE;
*VOCATIONAL DEVELOPMENT; ELEMENTARY
SCHOOL TEACHERS; OCCUPATIONAL
GUIDANCE; OCCUPATIONAL INFORMATION;
SECONDARY SCHOOL TEACHERS; TEACHER
RESPONSIBILITY; VOCATIONAL
COUNSELING

ABSTRACT - THIS PAMPHLET SERVES TO
EMPHASIZE THE CLASSROOM TEACHERS'
CONTRIBUTIONS TOWARDS THEIR
STUDENTS' UNDERSTANDING OF JOB
OPPORTUNITIES AND CAREERS. METHODS
AND MEDIA FOR RELATING SUBJECT
MATTER TO VOCATIONAL DEVELOPMENT
ARE EXAMINED AND THE JOB FIELDS
THAT ARE RELATED TO EACH SCHOOL
SUBJECT ARE EXPLORED. THE ROLE AND
ATTITUDES OF THE CLASSROOM TEACHER
AND THEIR EFFECT ON STUDENTS'
VOCATIONAL DEVELOPMENT ARE RELATED
TO THE CHANGING DEMANDS OF SOCIETY.
SOME OF THE KINDS OF POSTSECONDARY
EDUCATION AVAILABLE TO STUDENTS ARE
DETAILED. (MU)

VT 100 476

MACHINES. UNIT III: FORCE AND
MOTION. LEVEL: NINE. LESSON I:
INDIVIDUAL STUDY GUIDE FOR STUDENT.

NATCHITOCHEs CENTRAL HIGH SCHOOL,
LA.

MF AVAILABLE IN VT-ERIC SET.
JCPS-9

PUB DATE - 72 32P.

DESCRIPTORS - *ENGINES; *FLUID
POWER EDUCATION; *INDUSTRIAL
EDUCATION; *MECHANICS (PHYSICS);
*POWER MECHANICS; AUTO MECHANICS;
ENERGY; FORCE; MOTION; PRESSURES

ABSTRACT - THIS STUDY GUIDE USES A
5-COLUMN FORMAT TO GIVE THE STUDENT
VARIOUS CONCEPTS TO BE UNDERSTOOD,
THE LESSON CONTENT, USEFUL METHODS,
MATERIALS, AND LEARNING ACTIVITIES,
AN EVALUATION PLAN, AND SOURCES OF
ENRICHMENT MATERIALS. THE FOLLOWING
FOUR LESSON TOPICS CONSTITUTE THIS
UNIT: (1) MACHINES AND ENGINES, (2)
MOTION, (3) WORK AND POWER, AND (4)
FORCE AND MOTION. (MU)

VT 100 480

DURKIN, JAMES, AND OTHERS
AN APPROACH TO PROPOSED CURRICULUM
REVISION OF INDUSTRIAL ARTS
PROGRAMS AT THE SECONDARY LEVEL.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 9P.

DESCRIPTORS - *CURRICULUM;
*CURRICULUM DESIGN; *CURRICULUM
DEVELOPMENT; *INDUSTRIAL ARTS;
*SHOP CURRICULUM; SECONDARY GRADES

ABSTRACT - THE THREE OBJECTIVES
UNDERLYING THE DEVELOPMENT OF THIS
CURRICULUM WERE: (1) TO IMPROVE THE
OFFERINGS OF INDUSTRIAL ARTS
COURSES IN LIGHT OF TECHNOLOGICAL
PROGRESS, (2) TO INSURE THE
ARTICULATION BETWEEN ACADEMIC AND
OCCUPATIONAL LEARNING, AND (3) TO
RE-ENFORCE THE QUALITY OF
INSTRUCTION AND LEARNING. CONTENTS
INCLUDE: (1) THE RATIONALE FOR THE
PROGRAM, (2) PROGRAM OBJECTIVES,
(3) AN OUTLINE OF THE PROGRAM'S
IMPLEMENTATION SCHEDULE AND
STRATEGY FOR ACHIEVING STATED
GOALS, (4) A GRAPHIC MODEL OF THE
PREVIOUS INDUSTRIAL ARTS PROGRAM
(1969), (5) A GRAPHIC MODEL OF THE
PRESENT INDUSTRIAL ARTS PROGRAM,
AND (6) A MODEL AND EXPLANATION OF
THE STRATEGY TO BE FOLLOWED FOR
PROCURING EQUIPMENT TO BE USED IN
IMPLEMENTING THE PROJECT. (SN)

VT 100 481

TODD, RONALD D.

A PROPOSED CURRICULUM IN TECHNOLOGY: THE "WORLD OF WORK" AND CAREERS. UNDATED WORKING PAPER.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - ND 21P.

DESCRIPTORS - *CAREER EDUCATION; *CAREER PLANNING; *CURRICULUM DESIGN; *TECHNOLOGY; *VOCATIONAL DEVELOPMENT; CURRICULUM; CURRICULUM DEVELOPMENT; ELEMENTARY GRADES; SECONDARY GRADES; VOCATIONAL EDUCATION

ABSTRACT - PRESENTED IN THIS DOCUMENT IS A CURRICULUM PLAN FOR THE INTEGRATION OF TECHNOLOGY AND CAREER EDUCATION CONCEPTS. THE OBJECTIVES OF THE CURRICULUM ARE TO AID STUDENTS BEFORE GRADUATION TO: (1) GAIN THE NEEDED SKILLS WHICH WILL ENABLE THEM TO EARN THEIR OWN WAY IN SOCIETY, (2) SEE THE PART THEY MAY PLAY IN THE WORK FORCE AND THE SIGNIFICANCE OF THAT WORK, (3) TRY OUT TENTATIVE WORK INTERESTS AND CAREER DIRECTIONS WITH A MINIMAL THREAT OF FAILURE, (4) COMPREHEND HOW TECHNOLOGY AFFECTS THEIR LIVES AND HOW THEY MAY GAIN SKILLS IN CONTROLLING CERTAIN ASPECTS OF THAT TECHNOLOGY, AND (5) FIND OUT ABOUT THEIR SKILLS, ABILITIES, INTERESTS, BELIEFS, AND VALUES AS THEY APPLY TO TECHNOLOGY, THE "WORLD OF WORK," AND "SELF." STRATEGIES FOR THE IMPLEMENTATION OF THE CURRICULUM ARE PROVIDED. (SN)

VT 100 504

BEASLEY, GARY F.

BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.

MISSISSIPPI STATE UNIV. RESEARCH AND CURRICULUM UNIT, MISSISSIPPI STATE. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.

MF AVAILABLE IN VT-ERIC SET. MISSISSIPPI STATE UNIVERSITY, RESEARCH AND CURRICULUM UNIT FOR

VOCATIONAL AND TECHNICAL EDUCATION, MISSISSIPPI STATE, MS
PUB DATE - 73 17P.

DESCRIPTORS - *FORESTRY; *LUMBER INDUSTRY; *MATHEMATICAL CONCEPTS; *MATHEMATICS; *MEASUREMENT; PUBLICATIONS

ABSTRACT - THIS BOOKLET WAS DESIGNED TO INTRODUCE FOREST PRODUCTS EMPLOYEES TO BASIC MATHEMATICS AND MEASUREMENT CONCEPTS WHICH ARE NECESSARY FOR JOB SUCCESS IN THE LUMBER INDUSTRY. WHILE VARIOUS SOURCES WERE USED TO COMPILE THIS DOCUMENT, A MAJOR PORTION OF THE MATHEMATICS SECTION WAS OBTAINED FROM THE WEYERHAEUSER TRAINING GUIDES WHICH ARE USED EXTENSIVELY IN SEVERAL INDUSTRIAL TRAINING PROGRAMS. PRESENTED IS INFORMATION ON THE FOLLOWING SPECIFIC TOPICS: (1) MATHEMATICS, (2) DECIMAL FRACTIONS, (3) PERCENTAGE, (4) FORMULA, (5) READING A RULE, AND (6) UNITS OF MEASUREMENT. IN ADDITION, PRACTICE EXERCISES AND REFERENCE TABLES ARE PROVIDED. (SN)

VT 100 512

CAMERON, CLIVE A.

GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.

ROCHESTER INST. OF TECH., N.Y.
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.

GRAPHIC ARTS RESEARCH CENTER, ROCHESTER INSTITUTE OF TECHNOLOGY, ROCHESTER, NEW YORK 14623
PUB DATE - 72 175P.

DESCRIPTORS - *GRAPHIC ARTS; *MEASUREMENT; *METRIC SYSTEM; *STANDARDS; PRINTING; TEXTBOOKS

ABSTRACT - THIS TEXT ON THE METRIC SYSTEM IS AIMED AT READERS IN THE PRINTING AND ALLIED INDUSTRIES AND FOCUSES ON SPECIFIC APPLICATIONS OF THE SYSTEM TO THE FIELD OF GRAPHICS ARTS. APPEALING, AS WELL, TO THE GENERAL READER, ARE THE CHAPTERS DEALING WITH THE HISTORY OF SYSTEMS OF MEASUREMENT, THE INTERNATIONAL SYSTEM (SI) OF UNITS, METRICATION

IN THE UNITED STATES, AND THE DIFFERING PATHS TAKEN BY JAPAN AND GREAT BRITAIN IN ADOPTING THE METRIC SYSTEM. THE EFFECTS OF METRIC STANDARDS ON MACHINERY AND EQUIPMENT IN THE INDUSTRY, TYPESETTING, PAPER, PACKAGING, AND PRINTING PRODUCTS AND PROCESSES ARE DESCRIBED. A WORLD MAP HIGHLIGHTING THOSE COUNTRIES NOT USING THE METRIC SYSTEM IS A SIGNIFICANT LOOK AT THE RELUCTANCE OF THE UNITED STATES AMONG THE OTHER LARGE NATIONS OF THE WORLD. THE BOOK IS A BEAUTIFUL EXAMPLE OF COLOR PAPER, PRINTING, AND BINDING. (MU)

VT 100 585

BURTON, DAVID M.
A LISTING OF PROGRAMMED INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 70P. M.A. THESIS,
UTAH STATE UNIV., LOGAN.

DESCRIPTORS - *INDIVIDUALIZED PROGRAMS; *INDUSTRIAL ARTS TEACHERS; *INDUSTRIAL EDUCATION; *PROGRAMED MATERIALS; *TEXTBOOK PUBLICATIONS; MASTERS THESES; PUBLICATIONS

ABSTRACT - BECAUSE INDUSTRIAL EDUCATION TEACHERS VERY OFTEN MAKE USE OF DEMONSTRATIONS COUPLED WITH INDIVIDUALIZED READING PROGRAMS FOR EACH STUDENT, THEY NEED RESOURCES FOR THE SEPARATE LEARNING PROGRAMS. THIS LIST OF COMMERCIALY PUBLISHED PROGRAMED MATERIALS WAS COMPILED TO AID INDUSTRIAL EDUCATION TEACHERS IN GIVING THAT ADDED DIMENSION TO THEIR STUDENTS' INSTRUCTIONAL PROGRAMS. MORE THAN 40 SUBJECT AREAS CONTAIN OVER 600 COMMERCIALY PUBLISHED PROGRAMS OF INSTRUCTION IN THE LISTING OF THE FOLLOWING INDUSTRIAL EDUCATION FIELDS: (1) CRAFTS, (2) DRAFTING, (3) ELECTRICS, (4) GRAPHIC ARTS, (5) POWER TECHNOLOGY, (6) METALS, (7) PRODUCTION TECHNOLOGY, (8) SAFETY, AND (9) WOODWORK. THE PROGRAM TITLE, LENGTH, STUDENT LEVEL, LIST PRICE, AND PUBLISHER ARE GIVEN FOR EACH ENTRY. FINDINGS, CONCLUSIONS,

RECOMMENDATIONS, BIBLIOGRAPHY, AND APPENDIX OF THIS STUDY WHICH PRODUCED THIS LISTING ARE LACKING FROM THE DOCUMENT. (MU)

VT 100 609

WILLIAMS, GRACE
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.

MEMPHIS CITY SCHOOLS, TENN. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 115P.

DESCRIPTORS - *OCCUPATIONAL INFORMATION; *UNITS OF STUDY (SUBJECT FIELDS); *CURRICULUM GUIDES; *HOME ECONOMICS; *INDUSTRIAL ARTS; INDUSTRIAL EDUCATION; OCCUPATIONAL CLUSTERS; TEACHING GUIDES; VOCATIONAL EDUCATION IDENTIFIERS - *MEMPHIS CITY SCHOOLS

ABSTRACT - AS PART OF PROJECT SPAN, THIS GUIDE CONTAINS A 3-WEEK UNIT OF STUDY FOR HOME ECONOMICS AND INDUSTRIAL ARTS CLASSES TO INTRODUCE CLUSTERS OF OCCUPATIONS IN THOSE FIELDS TO JUNIOR HIGH SCHOOL STUDENTS IN THE MEMPHIS SCHOOLS. AN ORIENTATION TO THE WORLD OF WORK AND DEVELOPMENT OF SELF CONCEPT INTRODUCE THE UNIT. THE CONTENT OF EACH FIELD IS PRESENTED THROUGH GENERALIZATIONS, OBJECTIVES, EVALUATIONS, AND A 3-COLUMN TEACHING GUIDE OF CONCEPTS, ACTIVITIES, AND RESOURCES. OCCUPATIONS WITHIN EACH FIELD ARE PRESENTED BY JOB TITLE, JOB DESCRIPTION, EDUCATIONAL REQUIREMENTS, AND PERSONAL TRAITS NEEDED. AN APPENDIX CONTAINS MANY TEACHING AIDS INCLUDING CASE STUDIES, INVENTORIES, BULLETIN BOARD IDEAS, SAMPLE FORMS, LEARNING ACTIVITIES, BIBLIOGRAPHIES, AND SOURCES OF VISUAL AIDS. (MU)

VT 100 615

IDLEMAN, HILLIS K.
COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.

NEW YORK STATE DEPT. OF EDUCATION,
ALBANY. BUREAU OF SECONDARY
CURRICULUM DEVELOPMENT.

MF AVAILABLE IN VT-ERIC SET.
THE UNIVERSITY OF THE STATE OF NEW
YORK, THE STATE DEPT. OF EDUCATION,
BUREAU OF SECONDARY CURRICULUM
DEVELOPMENT, ALBANY, NY
PUB DATE - 73 49P.

DESCRIPTORS - *CONSUMER EDUCATION;
*CONSERVATION EDUCATION; *ENERGY;
*TECHNOLOGICAL ADVANCEMENT;
SCHEDULE MODULES; *TEACHING GUIDES;
UNITS OF STUDY (SUBJECT FIELDS);
SECONDARY GRADES; POST SECONDARY
EDUCATION

ABSTRACT - THIS 2-PART TEACHING
GUIDE CAN BE USED TO PROVIDE
MODULES OF CONSUMER EDUCATION IN
SUCH FIELDS AS SOCIAL STUDIES,
BUSINESS, HOME ECONOMICS, OR
INDUSTRIAL ARTS IN SECONDARY AND
POSTSECONDARY CLASSES. PART I OF
THE GUIDE DEALS WITH TECHNOLOGY AND
THE ENERGY CRISIS. PART II
CONTINUES WITH ENERGY SOURCES,
POLLUTION, AND CONSERVATION. A 3-
COLUMN TEACHING GUIDE OF
UNDERSTANDING, SUGGESTED TEACHER
AND PUPIL ACTIVITIES, AND SOURCE
MATERIALS COVERS TOPICS CONCERNING
SHORTAGES OF ENERGY SUPPLY,
CONSUMER ROLES IN CONSERVATION,
ECONOMICS OF A CHANGING TECHNOLOGY,
AND THE COST/BENEFIT RATIO OF
ENERGY UTILIZATION. (MU)

VT 100 616
STITT, THOMAS R.
A PREVIEW OF AUDIO VISUAL MATERIALS
FOR ENVIRONMENTAL EDUCATORS.

ILLINOIS STATE BOARD OF VOCATIONAL
EDUCATION AND REHABILITATION,
SPRINGFIELD. PROFESSIONAL AND
CURRICULUM DEVELOPMENT UNIT.;
SOUTHERN ILLINOIS UNIVERSITY,
CARBONDALE. DEPT. OF AGRICULTURAL
INDUSTRIES.

MF AVAILABLE IN VT-ERIC SET.
DEPT. OF AGRICULTURAL INDUSTRIES,
SCHOOL OF AGRICULTURE, SOUTHERN
ILLINOIS UNIVERSITY, CARBONDALE,
IL.
PUB DATE - 73 8P.

DESCRIPTORS - *ENVIRONMENTAL
EDUCATION; *VOCATIONAL EDUCATION;
*RESOURCE GUIDES; *RESOURCE
MATERIALS; *DIRECTORIES

ABSTRACT - DESIGNED TO SERVE AS A
RESOURCE GUIDE FOR VOCATIONAL
TEACHERS WHO ARE TEACHING IN
ENVIRONMENTAL AREAS, THIS DOCUMENT
CONTAINS AN ANNOTATED LIST OF
SOURCES AND MATERIALS AND A
DIRECTORY OF SOURCES FOR
AUDIOVISUAL MATERIALS IN
ENVIRONMENTAL OCCUPATIONS. OVER 20
REPLIES TO REQUESTS FROM SOURCES
MAKE UP THE LISTING AND OVER 40
SOURCES CONSTITUTE THE DIRECTORY.
(MU)

VT 100 618
STITT, THOMAS R.
AN ANNOTATED BIBLIOGRAPHY FOR
ENVIRONMENTAL EDUCATORS.

SOUTHERN ILLINOIS UNIV.,
CARBONDALE. DEPT. OF AGRICULTURAL
INDUSTRIES.
ILLINOIS STATE BOARD OF VOCATIONAL
EDUCATION AND REHABILITATION,
SPRINGFIELD.
MF AVAILABLE IN VT-ERIC SET.
SOUTHERN ILLINOIS UNIVERSITY, DEPT.
OF AGRICULTURAL INDUSTRIES,
CARBONDALE, ILL.
PUB DATE - 73 33P.

DESCRIPTORS - *BIBLIOGRAPHIES;
*RESOURCE MATERIALS; *AGRICULTURAL
EDUCATION; *ENVIRONMENTAL
EDUCATION; OCCUPATIONAL CLUSTERS

ABSTRACT - DESIGNED TO SERVE AS
RESOURCE MATERIALS FOR VOCATIONAL
TEACHERS WHO ARE TEACHING IN
ENVIRONMENTAL AREAS, THIS
BIBLIOGRAPHY IS A COLLECTION OF
BOOKS, ARTICLES, AND OTHER
PUBLICATIONS. IT IS PRESENTED
ACCORDING TO THE FOLLOWING
OCCUPATIONAL CLUSTERS: (1) APPLIED
BIOLOGICAL AND AGRICULTURAL
OCCUPATIONS, (2) BUSINESS,
MARKETING AND MANAGEMENT, (3)
HEALTH OCCUPATIONS, (4) INDUSTRIAL
OCCUPATIONS, AND (5) PERSONAL AND
PUBLIC SERVICE OCCUPATIONS. EACH OF
THESE CLUSTERS IS THEN ORGANIZED
ACCORDING TO THE EPA DESIGNATED

POLLUTION BRACKETS: GENERAL, AIR, WATER, PUBLIC WATER SUPPLY, LAND POLLUTION AND REFUSE DISPOSAL, NOISE, AND ATOMIC RADIATION.
(AUTHOR/MU)

VT 100 619

STITT, THOMAS R.
AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.

SOUTHERN ILLINOIS UNIV.,
CARBONDALE. DEPT. OF AGRICULTURAL INDUSTRIES.
ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION,
SPRINGFIELD.

MF AVAILABLE IN VT-ERIC SET.
DEPT. OF AGRICULTURAL INDUSTRIES,
SOUTHERN ILLINOIS UNIVERSITY,
CARBONDALE, ILL.
PUB DATE - 73 30P.

DESCRIPTORS - *ENVIRONMENTAL EDUCATION; *VOCATIONAL EDUCATION; *DEFINITIONS; *GLOSSARIES; *VOCABULARY

ABSTRACT - THIS LIST OF 307 NUMBERED TERMS HAS BEEN COMPILED TO SERVE AS RESOURCE MATERIALS FOR VOCATIONAL EDUCATION TEACHERS WHO ARE TEACHING IN ENVIRONMENTAL AREAS. INCLUDED IN THE DOCUMENT IS A LIST OF 14 OCCUPATIONAL DEFINITIONS. (MU)

VT 100 629

KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.

DEPENDENTS SCHOOLS (DOD),
WASHINGTON, D.C. PACIFIC AREA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - SEP73 295P.

DESCRIPTORS - *CAREER EDUCATION; *OCCUPATIONAL INFORMATION; *INTEGRATED CURRICULUM; *OCCUPATIONAL CLUSTERS; MANUALS IDENTIFIERS - *PACIFIC AREA DEPARTMENT OF DEFENSE SCHOOLS

ABSTRACT - THIS HANDBOOK, DESIGNED TO BE USED AS A FLEXIBLE TOOL WITH SUGGESTED ACTIVITIES FOR ALL AREAS OF STUDY, IS INTENDED TO PROVIDE TEACHERS, ADMINISTRATORS, AND

SPECIALISTS IN THE PACIFIC AREA DEPARTMENT OF DEFENSE SCHOOLS WITH A PRACTICAL PROGRAM CONCERNING CAREER EDUCATION. OBJECTIVES OF CAREER EDUCATION ARE STATED AND ILLUSTRATED IN THE OCCUPATIONAL CLUSTER WHEEL. BOTH INTEGRATIVE AND DISCRETE COURSES ARE INTENDED IN THE 15 OCCUPATIONAL CLUSTERS AS THEY ARE USED IN 12 DISCIPLINES. IMPLEMENTATION ROLES AND RESPONSIBILITIES ARE OUTLINED, TERMS DEFINED, AND SPECIFIC DISCIPLINE ACTIVITIES, INCLUDING THE USE OF FIELD TRIPS AND EDUCATIONAL GAMES, ARE DESCRIBED.
(AUTHOR/MU)

VT 100 639

CAREER EDUCATION CATALOG.

POTTAWATTAMIE COUNTY SCHOOL SYSTEM,
COUNCIL BLUFFS, IOWA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 32P.

DESCRIPTORS - *CAREER EDUCATION; *INSTRUCTIONAL MATERIALS; *CATALOGS; BOOKS; FILMS; ELEMENTARY GRADES; SECONDARY GRADES IDENTIFIERS - *POTTAWATTAMIE COUNTY SCHOOL SYSTEM; IOWA

ABSTRACT - THIS DOCUMENT CATALOGS MATERIALS PURCHASED BY THE POTTAWATTAMIE COUNTY SCHOOL SYSTEM'S CAREER EDUCATION PROJECT FOR USE IN GRADES K THROUGH 12. MATERIALS ARE CLASSIFIED AS RELATING TO OCCUPATIONAL AWARENESS OR TO SELF AWARENESS AND FURTHER SUBGROUPED AS SMALL MEDIA, 16MM FILMS, AND BOOKS. OVER 400 ENTRIES AND A LISTING OF 36 PROFESSIONAL BOOKS ON CAREER EDUCATION ARE INCLUDED. (MU)

VT 100 644

INDUSTRIAL EDUCATION SAFETY GUIDE. RECOMMENDATIONS AND UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 176P.

DESCRIPTORS - *SAFETY; *SAFETY

EDUCATION; *INDUSTRIAL EDUCATION;
*STANDARDS; SAFETY EQUIPMENT;
SCHOOL SAFETY; ACCIDENT PREVENTION
IDENTIFIERS - *UTAH OCCUPATIONAL
SAFETY AND HEALTH ACT; UOSHA

ABSTRACT - THE GUIDE CONTAINS AN
ABRIDGMENT OF SELECTED UTAH
OCCUPATIONAL SAFETY AND HEALTH ACT
(UOSHA) STANDARDS WITH
RECOMMENDATIONS FOR USE IN
INDUSTRIAL EDUCATION CLASSES. IT
SHOULD ASSIST INDUSTRIAL EDUCATION
INSTRUCTORS, SUPERVISORS, AND
ADMINISTRATORS TO ORGANIZE,
EVALUATE, AND MAINTAIN APPROPRIATE
SAFETY PROGRAMS. TOPICS WHICH ARE
COVERED INCLUDE: (1) LEGISLATION,
(2) LEVELS OF RESPONSIBILITY, (3)
LIABILITY, (4) NEGLIGENCE, (5)
SAFETY PROGRAM, (6) SAFETY AND
HEALTH INSPECTIONS, (7) UOSHA
STANDARDS AND SAFETY
RECOMMENDATIONS, (8) SAMPLE RECORDS
AND FORMS, AND (9) EMPLOYMENT OF
MINORS. AN EXTENDED APPENDIX
CONTAINS LEGISLATIVE ACTS, LISTS OF
RESOURCES, REPORT FORMS, SAFETY
CHARTS, AND CHILD LABOR LAW
PROVISIONS. (AUTHOR/MU)

VT 100 670

WISCONSIN GUIDE TO LOCAL CURRICULUM
IMPROVEMENT IN INDUSTRIAL
EDUCATION, K-12.

WISCONSIN STATE DEPT. OF PUBLIC
INSTRUCTION, MADISON.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
BULL-3541
PUB DATE - ND 31P.

DESCRIPTORS - *CURRICULUM GUIDES;
*PROGRAM PLANNING; *INDUSTRIAL
EDUCATION; SECONDARY GRADES;
ELEMENTARY GRADES; CURRICULUM
PLANNING; *CURRICULUM DEVELOPMENT
IDENTIFIERS - *WISCONSIN

ABSTRACT - DEVELOPED PRIMARILY TO
ASSIST WISCONSIN SCHOOL PERSONNEL
IN PLANNING COMPREHENSIVE
INDUSTRIAL EDUCATION PROGRAMS, THIS
GUIDE PRESENTS CURRICULUM IDEAS AND
MATERIALS WHICH MAY BE ADAPTED AND
USED IN DEVELOPING INDIVIDUALIZED

OR INTEGRATED PROGRAMS IN GRADES K-
12. SPECIFIC CONTENTS OF THE GUIDE
INCLUDE, IN ADDITION TO AN
INTRODUCTORY OVERVIEW, INFORMATION
ON THE TOPICS: (1) WHY INDUSTRIAL
EDUCATION, (2) WHAT IS INDUSTRY,
(3) OBJECTIVES AND CONTENT
ORGANIZERS, (4) USING THE GUIDE FOR
LOCAL CURRICULUM PLANNING,
DEVELOPMENT, AND REVIEW, (5)
EXAMPLES OF SUB-OBJECTIVES AND
ACTIVITIES, AND (6) PROVISIONS FOR
LEARNERS TO INTERACT, MAKE
JUDGMENTS, AND DRAW PERSONAL
CONCLUSIONS. SUPPLEMENTARY
REFERENCES AND A BIBLIOGRAPHY ARE
PROVIDED IN ORDER TO GIVE FURTHER
DIRECTION AND GUIDANCE. (SN)

VT 100 690

MANUFACTURING CLUSTER GUIDE.
VOCATIONAL EDUCATION/SPECIAL
EDUCATION PROJECT.

CENTRAL MICHIGAN UNIV., MOUNT
PLEASANT.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.; MICHIGAN STATE
DEPT. OF EDUCATION, LANSING.
VOCATIONAL EDUCATION AND CAREER
DEVELOPMENT SERVICE.
DOCUMENT NOT AVAILABLE IN VT-ERIC
SET.
PUB DATE - 73 159P.

DESCRIPTORS - *TEACHING GUIDES;
*VOCATIONAL EDUCATION; EXCEPTIONAL
STUDENTS; INSTRUCTIONAL UNITS;
*MACHINE TOOLS; MANUFACTURING;
OCCUPATIONAL INFORMATION;
DISADVANTAGED GROUPS; TASK
ANALYSIS; *WELDING; *METAL WORKING
OCCUPATIONS

ABSTRACT - THIS TEACHING GUIDE IS
ONE OF A SERIES FOCUSING UPON THE
PREPARATION OF PERSONS WITH SPECIAL
EDUCATIONAL NEEDS. A TASK ANALYSIS
DEFINES COMMON CLUSTERS OF TASKS IN
THE FIELD OF MANUFACTURING WHICH
INCLUDES THE FOLLOWING SUBCLUSTERS:
(1) COMBINATION WELDING, (2)
MACHINE TOOL PROCESSES, AND (3)
SOFT MATERIALS PROCESSES. EACH
SUBCLUSTER PRESENTS A NUMBER OF
TASKS, AND AN INSTRUCTIONAL UNIT
SUPPLIES THE TEACHER WITH A MULTI-
PART TEACHING GUIDE FOR EACH TASK.

A TASK SHEET FOR EACH STUDENT CARRIES A PROGRESS REPORT AND CONTAINS SKILLS TO BE GAINED, INSTRUCTIONAL AND REFERENCE MATERIALS, LANGUAGE KNOWLEDGE REQUIRED FOR THE TASK, AND SUGGESTIONS FOR DISCUSSION WITH THE STUDENT CONCERNED. A BIBLIOGRAPHY IS KEYED TO THE TEACHING GUIDE AND AN APPENDIX CONTAINS CODES FOR INTERPRETING THE VARIOUS NUMBERS FOUND IN THE TASK SHEETS. (MU)

VT 100 692

GRAPHICS AND COMMUNICATION MEDIA CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

CENTRAL MICHIGAN UNIV., MOUNT PLEASANT.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; MICHIGAN STATE DEPT. OF EDUCATION, LANSING.
VOCATIONAL EDUCATION AND CAREER DEVELOPMENT SERVICE.
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 239P.

DESCRIPTORS - *TEACHING GUIDES; *VOCATIONAL EDUCATION; EXCEPTIONAL STUDENTS; INSTRUCTIONAL UNITS; *GRAPHIC ARTS; *DRAFTING; *PRINTING; DISADVANTAGED GROUPS; TASK ANALYSIS; PHOTOGRAPHY; OCCUPATIONAL INFORMATION

ABSTRACT - THIS TEACHING GUIDE IS ONE OF A SERIES FOCUSING UPON THE PREPARATION OF PERSONS WITH SPECIAL EDUCATIONAL NEEDS. A TASK ANALYSIS DEFINES COMMON CLUSTERS OF TASKS IN THE FIELD OF GRAPHICS AND COMMUNICATION MEDIA WHICH INCLUDES THE FOLLOWING SUBCLUSTERS: (1) BOOKBINDING, (2) SCREEN PRINTING, (3) OFFSET LITHOGRAPHY, (4) LETTERPRESS PRINTING, (5) COMMERCIAL PHOTOGRAPHY, AND (6) DRAFTING. EACH SUBCLUSTER PRESENTS A NUMBER OF TASKS, AND AN INSTRUCTIONAL UNIT SUPPLIES THE TEACHER WITH A MULTI-PART TEACHING GUIDE FOR EACH TASK. A TASK SHEET FOR EACH STUDENT CARRIES A PROGRESS REPORT AND CONTAINS SKILLS TO BE GAINED, INSTRUCTIONAL AND REFERENCE

MATERIALS, LANGUAGE KNOWLEDGE REQUIRED FOR THE TASK, AND SUGGESTIONS FOR DISCUSSION WITH THE STUDENT CONCERNED. A BIBLIOGRAPHY IS KEYED TO THE TEACHING GUIDE AND AN APPENDIX CONTAINS CODES FOR INTERPRETING THE VARIOUS NUMBERS FOUND IN THE TASK SHEETS. (MU)

VT 100 696

AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

CENTRAL MICHIGAN UNIV., MOUNT PLEASANT.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; MICHIGAN STATE DEPT. OF EDUCATION, LANSING.
VOCATIONAL EDUCATION AND CAREER DEVELOPMENT SERVICE.
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 240P.

DESCRIPTORS - *TEACHING GUIDES; *VOCATIONAL EDUCATION; EXCEPTIONAL STUDENTS; INSTRUCTIONAL UNITS; *AUTO MECHANICS; *TRADE AND INDUSTRIAL EDUCATION; *APPLIANCE REPAIRING; DISADVANTAGED GROUPS; TASK ANALYSIS; AIR CONDITIONING EQUIPMENT; OCCUPATIONAL INFORMATION

ABSTRACT - THIS TEACHING GUIDE IS ONE OF A SERIES FOCUSING UPON THE PREPARATION OF PERSONS WITH SPECIAL EDUCATIONAL NEEDS. A TASK ANALYSIS DEFINES COMMON CLUSTERS OF TASKS IN THE FIELD OF AUTOMOTIVE AND POWER SERVICE WHICH INCLUDES THE FOLLOWING SUBCLUSTERS: (1) AUTO MECHANICS, (2) AUTO BODY REPAIR, (3) SMALL ENGINE REPAIR, (4) APPLIANCE REPAIR, AND (5) AIR CONDITIONING. EACH SUBCLUSTER PRESENTS A NUMBER OF TASKS, AND AN INSTRUCTIONAL UNIT SUPPLIES THE TEACHER WITH A MULTI-PART TEACHING GUIDE FOR EACH TASK. A TASK SHEET FOR EACH STUDENT CARRIES A PROGRESS REPORT AND CONTAINS SKILLS TO BE GAINED, INSTRUCTIONAL AND REFERENCE MATERIALS, LANGUAGE KNOWLEDGE REQUIRED FOR THE TASK, AND SUGGESTIONS FOR DISCUSSION WITH THE STUDENT CONCERNED. A BIBLIOGRAPHY

IS KEYED TO THE TEACHING GUIDE AND AN APPENDIX CONTAINS CODES FOR INTERPRETING THE VARIOUS NUMBERS FOUND IN THE TASK SHEETS. (MU)

VT 100 698
CONSTRUCTION CLUSTER GUIDE.
VOCATIONAL EDUCATION/SPECIAL
EDUCATION PROJECT.

CENTRAL MICHIGAN UNIV., MOUNT
PLEASANT.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.; MICHIGAN STATE
DEPT. OF EDUCATION, LANSING.
VOCATIONAL EDUCATION AND CAREER
DEVELOPMENT SERVICE.
DOCUMENT NOT AVAILABLE IN VT-ERIC
SET.
PUB DATE - 73 244P.

DESCRIPTORS - *TEACHING GUIDES;
*VOCATIONAL EDUCATION; EXCEPTIONAL
STUDENTS; INSTRUCTIONAL UNITS;
*CARPENTERS; *TRADE AND INDUSTRIAL
EDUCATION; DISADVANTAGED GROUPS;
TASK ANALYSIS; *CONSTRUCTION
(PROCESS); BUILDING TRADES; CABINET
MAKING; OCCUPATIONAL INFORMATION

ABSTRACT - THIS TEACHING GUIDE IS ONE OF A SERIES FOCUSING UPON THE PREPARATION OF PERSONS WITH SPECIAL EDUCATIONAL NEEDS. A TASK ANALYSIS DEFINES COMMON CLUSTERS OF TASKS IN THE FIELD OF CONSTRUCTION WHICH INCLUDES THE FOLLOWING SUBCLUSTERS: BUILDING MAINTENANCE, SERVICE, AND RESIDENTIAL CONSTRUCTION. EACH SUBCLUSTER PRESENTS A NUMBER OF TASKS, AND AN INSTRUCTIONAL UNIT SUPPLIES THE TEACHER WITH A MULTI-PART TEACHING GUIDE FOR EACH TASK. A TASK SHEET FOR EACH STUDENT CARRIES A PROGRESS REPORT AND CONTAINS SKILLS TO BE GAINED, INSTRUCTIONAL AND REFERENCE MATERIALS, LANGUAGE KNOWLEDGE REQUIRED FOR THE TASK, AND SUGGESTIONS FOR DISCUSSION WITH THE STUDENT CONCERNED. A BIBLIOGRAPHY IS KEYED TO THE TEACHING GUIDE AND AN APPENDIX CONTAINS CODES FOR INTERPRETING THE VARIOUS NUMBERS FOUND IN THE TASK SHEETS. (MU)

VT 100 840
HILL, RICHARD K., ED.; WILLIAMS,

WILLIAM R., ED.
BEHAVIORAL OBJECTIVES FOR SELECTED
UNITS IN DRAFTING.

VIRGINIA POLYTECHNIC INST. AND
STATE UNIV., BLACKSBURG. DIV. OF
VOCATIONAL-TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.; VIRGINIA STATE
DEPT. OF EDUCATION, RICHMOND. DIV.
OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
HARRY L. SMITH, PUBLIC INFORMATION
AND PUBLICATIONS, STATE DEPARTMENT
OF EDUCATION, RICHMOND, VA 23216
(\$2.00)
PUB DATE - ND 52P.

DESCRIPTORS - PUBLICATIONS;
*VOCATIONAL EDUCATION; *PROGRAM
EFFECTIVENESS; PROGRAM EVALUATION;
EDUCATIONAL ASSESSMENT; EVALUATION
CRITERIA; *BEHAVIORAL OBJECTIVES;
*COURSE OBJECTIVES; *DRAFTING

ABSTRACT - THE OUTCOME OF AN EFFORT TO DEVELOP A MEANS OF ASSESSING THE EFFECTIVENESS OF LOCAL VOCATIONAL INSTRUCTIONAL PROGRAMS, THIS DOCUMENT IS ONE IN A SERIES OF PUBLICATIONS RESULTING FROM THE VOCATIONAL EVALUATION PROJECT. SPECIFICALLY, THIS BOOKLET CONTAINING BEHAVIORAL OBJECTIVES ORGANIZED BY UNITS OF INSTRUCTION IN THE AREA OF DRAFTING, WAS DEVELOPED BY A GROUP OF TEACHERS DURING WORKSHOPS CONDUCTED AT A UNIVERSITY IN VIRGINIA DURING THE SUMMER AND FALL OF 1972. INCLUDED IN EACH OF THE 22 UNITS PRESENTED ARE: (1) AN OUTLINE OF THE GENERAL CONTENT TO BE COVERED, (2) A GOAL STATEMENT, AND (3) GENERAL AND SPECIFIC OBJECTIVES. TO FACILITATE EASE IN USING THE DOCUMENT AS WELL AS TO FOSTER THE SKILL DEVELOPMENT OF EDUCATORS IN DESIGNING UNITS OF THEIR OWN, DIRECTIONS ARE GIVEN. (AUTHOR/SN)

VT 100 849
PIERSON, JOHN E.
ELEMENTARY ARC WELDING SKILLS.

MARIE H. KATZENBACH SCHOOL FOR THE
DEAF, WEST TRENTON, N.J.
NEW JERSEY STATE DEPT. OF

EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION. MF AVAILABLE IN VT-ERIC SET. NEW JERSEY VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, BLDG. 4103-KILMER CAMPUS, RUTGERS UNIV., NEW BRUNSWICK, N.J. 08903 (\$2.50) PUB DATE - MAR74 134P.

DESCRIPTORS - *WELDING; *TRADE AND INDUSTRIAL EDUCATION; *WELDERS; *DEAF EDUCATION; *STUDY GUIDES

ABSTRACT - SPECIFICALLY PREPARED FOR TEACHING THE DEAF THE BEGINNING ARC WELDING SKILLS NECESSARY TO BECOME A WELDER, THIS STUDY GUIDE USES AN ELEMENTARY LEVEL OF LANGUAGE AND ILLUSTRATES EACH PARAGRAPH OF TEXTUAL MATERIAL WITH A LINE DRAWING THAT IDENTIFIES THE PARTS AND PROCESSES DESCRIBED IN THE TEXT. THE 14 LESSONS COVER SAFETY PRACTICES AND INSTRUCTIONS ON HOW TO HOLD THE EQUIPMENT AND HOW TO USE VARIOUS WELDS. (AUTHOR/MU)

VT 100 853
AKINS, ANNA, AND OTHERS
WORLD OF TRANSPORTATION. K-6.
TEACHER'S GUIDE.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)
PUB DATE - AUG72 50P.

DESCRIPTORS - *CAREER EDUCATION; *INTEGRATED CURRICULUM; *VOCATIONAL EDUCATION; *DISADVANTAGED YOUTH; LEARNING ACTIVITIES; SELF CONCEPT; EMPLOYMENT OPPORTUNITIES; OCCUPATIONS; *TRANSPORTATION; ELEMENTARY GRADES
IDENTIFIERS - *OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS GUIDE FOR INTEGRATING CAREER EDUCATION CONCEPTS INTO GRADES K THROUGH 6 IS PART OF AN EXPANDED VOCATIONAL EDUCATION PROGRAM FOR DISADVANTAGED YOUTH IN THE OMAHA PUBLIC SCHOOLS. THE SUBJECT MATTER OF THE DOCUMENT DEALS WITH TRANSPORTATION. CONCEPTS

OF CAREER AWARENESS, SELF AWARENESS, JOB OPPORTUNITIES, AND OCCUPATIONAL INFORMATION ARE PRESENTED IN BULLETIN BOARD IDEAS, LEARNING ACTIVITIES, CLASSROOM GAMES, READINGS, DISCUSSIONS, AND FIELD TRIPS. A SAMPLE TEACHING GUIDE IS INCLUDED. (MU)

VT 100 854
AKINS, ANNA, AND OTHERS
WORLD OF WORK. TEACHER'S GUIDE.
JUNIOR HIGH.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)
PUB DATE - AUG72 110P.

DESCRIPTORS - *CAREER EDUCATION; *INTEGRATED CURRICULUM; *VOCATIONAL EDUCATION; *DISADVANTAGED YOUTH; LEARNING ACTIVITIES; EMPLOYMENT OPPORTUNITIES; *TEACHING GUIDES; SECONDARY GRADES
IDENTIFIERS - *OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS GUIDE FOR INTEGRATING CAREER EDUCATION CONCEPTS INTO JUNIOR HIGH SCHOOLS IS PART OF AN EXPANDED VOCATIONAL EDUCATION PROGRAM FOR DISADVANTAGED YOUTH IN THE OMAHA PUBLIC SCHOOLS. THE SUBJECT MATTER OF THIS TEACHING GUIDE DEALS WITH OCCUPATIONAL INFORMATION. CONCEPTS OF CAREER AWARENESS, WORK ATTITUDES, SELF EVALUATION, JOB OPPORTUNITIES, OCCUPATIONAL INFORMATION, AND JOB INTERVIEWS ARE PRESENTED IN BULLETIN BOARD IDEAS, LEARNING ACTIVITIES, READINGS, DISCUSSIONS, AND FIELD TRIPS. A COMPLETE TEACHING GUIDE IS INCLUDED. (MU)

VT 100 855
AKINS, ANNA, AND OTHERS
WORLD OF COMMUNICATION. K-6.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)

PUB DATE - AUG72 41P.

DESCRIPTORS - *CAREER EDUCATION;
*INTEGRATED CURRICULUM; *VOCATIONAL
EDUCATION; *DISADVANTAGED YOUTH;
LEARNING ACTIVITIES; SELF CONCEPT;
EMPLOYMENT OPPORTUNITIES;
*COMMUNICATIONS; ELEMENTARY GRADES;
PUBLISHING INDUSTRY
IDENTIFIERS - *OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS GUIDE FOR
INTEGRATING CAREER EDUCATION
CONCEPTS INTO GRADES K THROUGH 6 IS
PART OF AN EXPANDED VOCATIONAL
EDUCATION PROGRAM FOR DISADVANTAGED
YOUTH IN THE OMAHA PUBLIC SCHOOLS.
THE SUBJECT MATTER OF THE DOCUMENT
DEALS WITH COMMUNICATION. CONCEPTS
OF CAREER AWARENESS, WORK
ATTITUDES, SELF AWARENESS, JOB
OPPORTUNITIES, OCCUPATIONAL
INFORMATION, AND LANGUAGE ARE
PRESENTED IN BULLETIN BOARD IDEAS,
LEARNING ACTIVITIES, CLASSROOM
GAMES, READINGS, DISCUSSIONS, AND
FIELD TRIPS. A SAMPLE TEACHING
GUIDE IS INCLUDED. (MU)

VT 100 857

MORGAN, CURTIS L., JR., AND OTHERS
PREPARING FOR THE WORLD OF WORK. K-
6.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT.
OF VOCATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
DEG-0-71-4661(361)
PUB DATE - AUG72 81P.

DESCRIPTORS - *CAREER EDUCATION;
*INTEGRATED CURRICULUM; *VOCATIONAL
EDUCATION; *DISADVANTAGED YOUTH;
LEARNING ACTIVITIES; SELF CONCEPT;
EMPLOYMENT OPPORTUNITIES; *TEACHING
GUIDES; ELEMENTARY GRADES
IDENTIFIERS - *OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS GUIDE FOR
INTEGRATING CAREER EDUCATION
CONCEPTS INTO GRADES K THROUGH 6 IS
PART OF AN EXPANDED VOCATIONAL
EDUCATION PROGRAM FOR DISADVANTAGED
YOUTH IN THE OMAHA PUBLIC SCHOOLS.
THE SUBJECT MATTER OF THE DOCUMENT
DEALS WITH THE WORLD OF WORK.

CONCEPTS OF THE WORLD OF WORK,
BUSINESS AND OFFICE OCCUPATIONS,
HEALTH OCCUPATIONS, TRANSPORTATION,
AND CONSTRUCTION ARE PRESENTED IN A
TEACHING GUIDE OF BULLETIN BOARD
IDEAS, LEARNING ACTIVITIES,
CLASSROOM GAMES, READINGS,
DISCUSSIONS, AND FIELD TRIPS. (MU)

VT 100 867

THOMAS, L. W.; WAGNER, DENNIS
MANUFACTURING AND BUILDING
CONSTRUCTION, AND OCCUPATIONS.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT.
OF VOCATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
DEG-0-71-4661(361)
PUB DATE - 04AUG72 27P.

DESCRIPTORS - *TEACHING GUIDES;
INSTRUCTIONAL MATERIALS; CAREER
EDUCATION; VOCATIONAL DEVELOPMENT;
DISADVANTAGED YOUTH; ELEMENTARY
GRADES; SECONDARY GRADES; *CAREERS;
OCCUPATIONS; *MANUFACTURING;
*CONSTRUCTION INDUSTRY; *BUILDING
TRADES
IDENTIFIERS - OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS TEACHING GUIDE IS
ONE OF A SERIES AIMED AT PROVIDING
DISADVANTAGED YOUTH WITH A MORE
COMPREHENSIVE CAREER EDUCATION
PROGRAM. SPECIFICALLY DEVELOPED FOR
USE IN CREATING A DEEPER AWARENESS
OF THE WORLD OF BUILDING
CONSTRUCTION AND RELATED
OCCUPATIONS, THE GUIDE CONTAINS
GENERAL OBJECTIVES TO BE ATTAINED,
AN OUTLINED OVERVIEW OF THE
OPERATIONAL PROCEDURES OF THE
CONSTRUCTION PROCESS, AND CAREERS
AND OCCUPATIONS ASSOCIATED WITH
EACH PROCEDURE. IN ADDITION, FOUR
INSTRUCTIONAL UNITS ARE PRESENTED
ON THE TOPICS: (1) MANUFACTURING,
(2) PRODUCTS, (3) PRODUCTIONS, AND
(4) WORKERS. (SN)

VT 100 903

HENDRICKS, DONALD R., COMP.
INDUSTRIAL ARTS EDUCATION MATERIALS
AT ELGIN HIGH SCHOOL.

ELGIN HIGH SCHOOL, OREG.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 05APR74 40P.

DESCRIPTORS - INSTRUCTIONAL MATERIALS; *CURRICULUM GUIDES; COURSE CONTENT; *COURSE DESCRIPTIONS; TEACHING GUIDES; SECONDARY GRADES; CURRICULUM; *INDUSTRIAL EDUCATION; *INDUSTRIAL ARTS
IDENTIFIERS - *ELGIN HIGH SCHOOL

ABSTRACT - THIS SET OF MATERIALS DESCRIBES THE REQUIREMENTS AND INSTRUCTIONAL PROGRAM PLAN OF THE ELGIN HIGH SCHOOL INDUSTRIAL ARTS EDUCATION CURRICULUM. INCLUDED ARE: (1) A LIST OF THE GRADUATION REQUIREMENTS, (2) THE HISTORY OF THE COURSE'S CONCEPTION AND DEVELOPMENT PROCESS, (3) A DESCRIPTION OF THE CONTENT AND OPERATIONAL PROCEDURES, AND (4) SAMPLE TEACHING PACKAGES, COMPLETE WITH TEACHING INSTRUCTIONS AND ILLUSTRATIONS. (SN)

VT 100 907
ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.

NEVADA UNIV., RENO. COLL. OF EDUCATION.; NEVADA STATE DEPT. OF EDUCATION, CARSON CITY. DIV. OF VOCATIONAL-TECHNICAL AND ADULT EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
DEC-0-70-4782(361)
PUB DATE - 73 300P.

DESCRIPTORS - *CAREER EDUCATION; *CURRICULUM GUIDES; *INTEGRATED CURRICULUM; *HEALTH OCCUPATIONS; *OCCUPATIONAL INFORMATION; LEARNING ACTIVITIES
IDENTIFIERS - NEVADA; *PROJECT SAVE

ABSTRACT - THESE CURRICULUM MATERIALS RESULTED FROM PROJECT SAVE, A PROGRAM DESIGNED TO INTRODUCE ELEMENTS OF CAREER EDUCATION INTO THE WASHOE COUNTY SCHOOLS IN NEVADA. THREE CURRICULUM GUIDES FOR ORIENTATION, BEGINNING AND ADVANCED SKILLS IN HEALTH

OCCUPATIONS AND ONE GUIDE FOR INTEGRATING OCCUPATIONAL INFORMATION INTO CURRENT CURRICULUM ARE INCLUDED. THE HEALTH OCCUPATIONS GUIDES CONTAIN LESSONS ON ORIENTATION TO THE WORK AND THE WORKERS, COMMUNICATION SKILLS, MEDICAL TERMINOLOGY, ANATOMY AND PHYSIOLOGY, AND SKILLS FOR NURSES, DENTAL ASSISTANTS, MEDICAL ASSISTANTS, AND WARD CLERKS. THE ACTIVITIES MANUAL SUPPLIES LEARNING EXPERIENCES FOR USE IN INTEGRATING CAREER EDUCATION CONCEPTS INTO A SECONDARY CURRICULUM OF ARTS, INDUSTRIAL ARTS, HEALTH SCIENCE, MUSIC, NEVADA HISTORY, PHYSICAL EDUCATION, SCIENCE, SOCIAL STUDIES, AND OCCUPATIONAL PLANNING. A REPORT OF THE PROGRAM WHICH GENERATED THESE MATERIALS IS AVAILABLE AS VT 100 982 IN THIS ISSUE. (MU)

VT 100 912
GREEN, CHARLES
BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.

WARREN COUNTY AREA VOCATIONAL-TECHNICAL SCHOOL WASHINGTON, N.J.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
N.J. VOC-TECH CURRICULUM LABORATORY, RUTGERS UNIVERSITY, BLDG. 4103 - KILMER CAMPUS, NEW BRUNSWICK, N.J. 08903. (\$1.00 PLUS POSTAGE)
PUB DATE - SEP73 20P.

DESCRIPTORS - *BLUEPRINTS; *BUILDING DESIGN; *CONSTRUCTION (PROCESS); *DRAFTING; *TEACHING GUIDES; CURRICULUM GUIDES; SECONDARY GRADES

ABSTRACT - THIS COURSE OUTLINE IS DESIGNED TO PREPARE A STUDENT TO READ BLUEPRINTS AND TO LEARN THE TECHNIQUES REQUIRED TO MAKE A SKETCH, CAPABILITIES NEEDED IN THE FIELD OF BUILDING CONSTRUCTION. THE OUTLINE IS PLANNED TO ALLOW THE STUDENT TO WORK AT HIS OWN RATE, WITH THE INSTRUCTOR PRESENT AS A

SOURCE OF INFORMATION AND GUIDANCE. FOR EACH UNIT, SUGGESTED TEACHING ALTERNATIVES AND REFERENCES ARE PROVIDED. (MF)

VT 100 913

HINEK, FRANK
BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.

WARREN COUNTY AREA VOCATIONAL-TECHNICAL SCHOOL, WASHINGTON, N.J.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
N.J. VOC-TECH CURRICULUM LAB., BLDG. 4103 - KILMER CAMPUS, RUTGERS UNIV., NEW BRUNSWICK, N.J. 08903 (\$1.00)
PUB DATE - APR73 18P.

DESCRIPTORS - *BUILDING MATERIALS; *CONSTRUCTION (PROCESS); *SCIENCE ACTIVITIES; *SHOP CURRICULUM; *TEACHING GUIDES; LABORATORY PROCEDURES; SECONDARY GRADES

ABSTRACT - THIS OUTLINE IS ONE OF A SERIES IN THE BUILDING CONSTRUCTION PROGRAM AND IS INTENDED TO INFORM THE STUDENT AS TO WHY THINGS HE USES IN HIS FIELD WORK THE WAY THEY DO AND TO ANTICIPATE HOW THEY WILL WORK IN ACTUAL PRACTICE. UPON COMPLETION OF THE COURSE THE STUDENT WILL KNOW THE PROPERTIES AND CHARACTERISTICS OF DIFFERENT MATERIALS USED IN THE BUILDING TRADE, KNOW THE SAFE USE OF VARIOUS DANGEROUS AND TOXIC CHEMICALS USED IN THE TRADE, UNDERSTAND THE PRINCIPLES OF PERFORMANCE IN THE FIELD, AND EXERCISE ACCEPTABLE ATTITUDES AND WORK ETHICS. THE COURSE IS CORE-ORIENTED, WITH EMPHASIS ON DOING. THE FIRST TWO COURSE UNITS ORIENT THE STUDENT TO THE FACILITIES AND ACQUAINT HIM WITH PROCEDURES. THE REMAINING 15 UNITS INVOLVE LABORATORY ASSIGNMENTS. (MF)

VT 100 914

CHAMBERS, ROBERT N.
BLUEPRINT READING AND SKETCHING FOR

GLASS TECHNOLOGY.

NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS-THE STATE UNIVERSITY, BLDG. 4103-KILMER CAMPUS, NEW BRUNSWICK, N.J.
PUB DATE - SEP73 112P.

DESCRIPTORS - *GEOMETRY; *TECHNICAL EDUCATION; *BLUEPRINTS; *INDUSTRIAL TECHNOLOGY; *GLASS; DESIGN; COMMUNITY COLLEGES; TECHNICAL INSTITUTES; ENGINEERING TECHNICIANS; MECHANICAL DESIGN TECHNICIANS

ABSTRACT - THIS MANUAL FOR CLASSES IN COMMUNITY COLLEGES AND TECHNICAL INSTITUTES IS DESIGNED FOR THE GLASS STUDENT WHO HAS HAD LITTLE OR NO EXPERIENCE IN READING OR INTERPRETING MECHANICAL GLASS BLUEPRINTS AND SKETCHES. THE COURSE OBJECTIVES ARE A BASIC UNDERSTANDING OF APPLIED GEOMETRY AND ORTHOGRAPHIC PROJECTION; A SKILL IN ORTHOGRAPHIC, ISOMETRIC, AND OBLIQUE SKETCHING AND DRAWING; AND THE GLASS TERMINOLOGY AND SHOP PRACTICES THAT WILL TEST THE STUDENT'S ABILITY TO READ AND UNDERSTAND GLASS SHOP DRAWINGS. TOPICS COVERED IN THE MANUAL INCLUDE: (1) FUNDAMENTALS OF SKETCHING, (2) SKETCHING TECHNIQUES AND GEOMETRIC FORM, (3) DIMENSIONING, (4) ORTHOGRAPHIC SKETCHING, (5) OBLIQUE SKETCHING, AND (6) ISOMETRIC SKETCHING. NUMEROUS WORKING DIAGRAMS, WORK SHEETS, AND ASSIGNMENTS ARE INCLUDED. THE APPENDIX CONTAINS 18 TABLES AND DRAWINGS. (AUTHOR/MU)

VT 100 916

BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.

NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
NORTH DAKOTA STATE BOARD FOR

VOCATIONAL EDUCATION, BISMARCK,
N.D.

PUB DATE - ND 4P.

DESCRIPTORS - *REFERENCE MATERIALS;
*BOOKS; *PUBLICATIONS; *AUTO
MECHANICS; TRADE AND INDUSTRIAL
EDUCATION; *RESOURCE MATERIALS

ABSTRACT - THIS PUBLICATION
CONTAINS A COMPREHENSIVE LISTING OF
REFERENCES SOURCES WHICH MAY BE
USED IN AUTOMOTIVE MECHANICS
PROGRAMS. ENTERED ARE A TOTAL OF 72
BOOKS ON THE SUBJECT, ALL OF WHICH
ARE LISTED IN ALPHABETICAL ORDER BY
AUTHOR OR PUBLISHERS. (SN)

VT 101 007

COMPREHENSIVE CAREER EDUCATION
DEVELOPMENT PROJECT. MUSKEGON
PUBLIC SCHOOLS. CURRICULUM BASED
UNIT PLANS. 7-9.

MUSKEGON PUBLIC SCHOOLS, MICH.
BUREAU OF ADULT, VOCATIONAL, AND
TECHNICAL EDUCATION (DHEW/OE),
WASHINGTON, D.C.

MF AVAILABLE IN VT-ERIC SET.

OEG-0-72-5169

PUB DATE - ND 275P.

DESCRIPTORS - *UNIT PLAN; *ACTIVITY
UNITS; *OCCUPATIONAL CLUSTERS;
*CAREER EDUCATION; CURRICULUM
DEVELOPMENT; INTEGRATED CURRICULUM;
JUNIOR HIGH SCHOOLS; *DEVELOPMENTAL
PROGRAMS

IDENTIFIERS - *MUSKEGON PUBLIC
SCHOOLS; MICHIGAN

ABSTRACT - THE CURRICULUM-BASED
UNIT PLANS FOR GRADES 7, 8, AND 9
IN THE MUSKEGON PUBLIC SCHOOLS'
COMPREHENSIVE CAREER EDUCATION
DEVELOPMENT PROJECT ARE PRESENTED
IN THIS BOOKLET. RELATED DOCUMENTS
ARE AVAILABLE AS VT 101 090, VT 101
008, AND VT 101 009. (MF)

VT 101 008

COMPREHENSIVE CAREER EDUCATION
DEVELOPMENT PROJECT. MUSKEGON
PUBLIC SCHOOLS. CURRICULUM BASED
UNIT PLANS. K-6.

MUSKEGON PUBLIC SCHOOLS, MICH.
BUREAU OF ADULT, VOCATIONAL, AND

TECHNICAL EDUCATION (DHEW/OE),
WASHINGTON, D.C.

MF AVAILABLE IN VT-ERIC SET.

OEG-0-72-5169

PUB DATE - ND 275P.

DESCRIPTORS - *UNIT PLAN; *ACTIVITY
UNITS; *OCCUPATIONAL CLUSTERS;
*CAREER EDUCATION; CURRICULUM
DEVELOPMENT; INTEGRATED CURRICULUM;
ELEMENTARY SCHOOL CURRICULUM;
*DEVELOPMENTAL PROGRAMS
IDENTIFIERS - *MUSKEGON PUBLIC
SCHOOLS; MICHIGAN

ABSTRACT - THE CURRICULUM-BASED
UNIT PLANS FOR GRADES 1 THROUGH 6
IN THE MUSKEGON PUBLIC SCHOOLS'
COMPREHENSIVE CAREER EDUCATION
DEVELOPMENT PROJECT ARE PRESENTED
IN THIS BOOKLET. RELATED DOCUMENTS
ARE AVAILABLE AS VT 101 090, VT 101
007, AND VT 101 009. (MF)

VT 101 009

COMPREHENSIVE CAREER EDUCATION
DEVELOPMENT PROJECT. MUSKEGON
PUBLIC SCHOOLS. CURRICULUM BASED
UNIT PLANS. 10-12.

MUSKEGON PUBLIC SCHOOLS, MICH.
BUREAU OF ADULT, VOCATIONAL, AND
TECHNICAL EDUCATION (DHEW/OE),
WASHINGTON, D.C.

MF AVAILABLE IN VT-ERIC SET.

OEG-0-72-5169

PUB DATE - ND 275P.

DESCRIPTORS - *UNIT PLAN; *ACTIVITY
UNITS; *OCCUPATIONAL CLUSTERS;
*CAREER EDUCATION; CURRICULUM
DEVELOPMENT; INTEGRATED CURRICULUM;
HIGH SCHOOL CURRICULUM;
*DEVELOPMENTAL PROGRAMS
IDENTIFIERS - *MUSKEGON PUBLIC
SCHOOLS; MICHIGAN

ABSTRACT - THE CURRICULUM-BASED
UNIT PLANS FOR GRADES 10, 11, AND
12 IN THE MUSKEGON PUBLIC SCHOOLS'
COMPREHENSIVE CAREER EDUCATION
DEVELOPMENT PROJECT ARE PRESENTED
IN THIS BOOKLET. RELATED DOCUMENTS
ARE AVAILABLE AS VT 101 090, VT 101
007, AND VT 101 008. (MF)

VT 101 017

COOPER, ELMER L., AND OTHERS

STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION. VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB-PM-20
PUB DATE - 74 50P.

DESCRIPTORS - *TEACHER RESPONSIBILITY; *VOCATIONAL EDUCATION TEACHERS; *LEGAL RESPONSIBILITY; *LEGAL PROBLEMS; *SCHOOL SAFETY; LAWS; AUTOINSTRUCTIONAL AIDS

ABSTRACT - TO INCREASE THE VOCATIONAL TEACHER'S AWARENESS IN MATTERS INVOLVING THE POSSIBILITY OF TORT, THIS SELF-INSTRUCTION UNIT PROVIDES THE GENERAL PRINCIPLES OF LAW GOVERNING TORT AND A NUMBER OF INSTANCES APPLICABLE TO VOCATIONAL EDUCATION TEACHERS. EXAMPLES OF STUDENT INJURY AND TEACHER LIABILITY ARE GIVEN IN NARRATIVE FORM USING A PROGRAMMED TEXT FORMAT FOR SELF STUDY. (AUTHOR/MU)

VT 101 029

CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.

COBB COUNTY OCCUPATIONAL AND CAREER DEVELOPMENT PROGRAM, MARIETTA, GA. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-70-4781
PUB DATE - ND 175P.

DESCRIPTORS - *CAREER EDUCATION; *ELEMENTARY GRADES; *RESOURCE GUIDES; *OCCUPATIONAL INFORMATION; *INTEGRATED CURRICULUM; CLASSROOM GUIDANCE PROGRAMS

ABSTRACT - THIS SET OF NINE RESOURCE GUIDES PROVIDES ELEMENTARY TEACHERS WITH MATERIALS FOR CAREER EDUCATION CONCEPTS, ACTIVITIES, AND SUBJECT MATTER TIE-INS TO DIFFERENT OCCUPATIONAL AREAS. DESIGNED FOR

SPECIFIC GRADE LEVELS, THE SET INCLUDES THE FOLLOWING UNITS: (1) FOR GRADE 1, "WHAT DOES MY FAMILY DO ALL DAY" AND "THE SCHOOL: CAREERS IN PUBLIC SERVICE," (2) FOR GRADES 3 & 4, "TRAINS: CAREERS IN TRANSPORTATION," "COMMERCIAL AIRLINE AND AIRPORTS: CAREERS IN TRANSPORTATION," AND "MUSIC: CAREERS IN FINE ART AND HUMANITIES," (3) FOR GRADES 5 & 6, "TELEVISION: CAREERS IN COMMUNICATION AND MEDIA" AND "THE HOSPITAL: CAREERS IN HEALTH," AND (4) FOR GRADE 6, "BUILDING CONSTRUCTION: CAREERS IN CONSTRUCTION" AND "PHOTOGRAPHY: CAREERS IN COMMUNICATION AND MEDIA." (MU)

VT 101 043

MOORE, NORMAN R., ED.
LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.

GEORGE PEABODY COLL. FOR TEACHERS, NASHVILLE, TENN. DIV. OF SURVEYS AND FIELD SERVICES.
MF AVAILABLE IN VT-ERIC SET.
DIV. OF SURVEYS AND FIELD SERVICES, GEORGE PEABODY COLLEGE FOR TEACHERS, NASHVILLE, TENN. 37203 (\$3.50).
PUB DATE - 74 251P.

DESCRIPTORS - *INSTRUCTIONAL AIDS; *INSTRUCTIONAL MATERIALS; *EDUCATIONAL RESOURCES; *RESOURCE GUIDES
IDENTIFIERS - *LOW COST INSTRUCTIONAL MATERIALS

ABSTRACT - THIS DOCUMENT IS THE LATEST EDITION OF A GUIDE TO EDUCATIONAL MATERIALS OBTAINABLE FROM PUBLIC AND PRIVATE SOURCES AT LITTLE OR NO COST. AN ANNOTATION FOR EACH OF MORE THAN 2,800 ITEMS INCLUDED A DESCRIPTION OF THE ITEM, ITS SIZE, PRICE, AND ORDERING INFORMATION. ENTRIES ARE ARRANGED ALPHABETICALLY BY SUBJECT HEADINGS, CROSS-REFERENCED, AND INDEXED. AMONG THE AIDS LISTED ARE PAMPHLETS, CHARTS, MAPS, OUTLINES, UNITS, ACTIVITIES, PROJECTS AND FILMS. (KH)

VT 101 046

GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.

BISMARCK PUBLIC SCHOOLS, N. DAK. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - SEP72 30P.

DESCRIPTORS - *CAREER EDUCATION; *INDUSTRIAL ARTS; *CAREER OPPORTUNITIES; *TEACHING GUIDES; LESSON PLANS; JUNIOR HIGH SCHOOL STUDENTS; *OCCUPATIONAL CLUSTERS; OCCUPATIONAL INFORMATION

ABSTRACT - AS PART OF A STATEWIDE PROGRAM IN CAREER EDUCATION, THIS TEACHING GUIDE FOR JUNIOR HIGH SCHOOL INDUSTRIAL ARTS IS DESIGNED TO PROVIDE STUDENTS WITH OCCUPATIONAL EXPLORATION ACTIVITIES INCLUDING CLASSROOM, SHOP, AND FIELD EXPERIENCES. ACTIVITY SHEETS IN THE PACKET PROVIDE BEHAVIORAL OBJECTIVES, ACTIVITIES WHICH CORRELATE WITH CAREER CLUSTERS IN INDUSTRIAL ARTS, SUGGESTED TEACHING TECHNIQUES AND LISTS OF RESOURCE MATERIALS FOR GIVEN GRADE LEVELS. GUIDELINES FOR SETTING UP FIELD TRIPS AND CONTACTING RESOURCE PERSONS ARE APPENDED, AS ARE THE ADDRESSES OF SUPPLIERS OF RESOURCE MATERIALS. (KH)

VT 101 206

OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE II - 7TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

PITTSBURGH BOARD OF PUBLIC EDUCATION, PA. DEPT. OF CURRICULUM AND INSTRUCTION.
MF AVAILABLE IN VT-ERIC SET.
DIV. OF CURRICULUM, PITTSBURGH BOARD OF PUBLIC EDUCATION, 341 BELLEFIELD AVENUE, PITTSBURGH, PA 15213 (\$4.00)
PUB DATE - SEP73 338P.

DESCRIPTORS - *VOCATIONAL DEVELOPMENT; *GRADE 7; *CAREER EDUCATION; *INTEGRATED CURRICULUM; *CURRICULUM GUIDES
IDENTIFIERS - PITTSBURGH PUBLIC SCHOOLS

ABSTRACT - DESIGNED FOR THE CHANGING CURRICULUM IN THE PITTSBURGH PUBLIC SCHOOLS, THIS GUIDE FOR GRADE 7 INTEGRATES MATERIAL ON CAREER ORIENTATION INTO THE CURRICULUMS IN HOME ECONOMICS, BUSINESS EDUCATION, AND INDUSTRIAL ARTS. INSTRUCTIONS TO THE TEACHER STRESS THE GOALS OF DEVELOPING DECISION-MAKING ABILITY AND MARKETABLE OR AVOCATIONAL SKILLS IN THE STUDENTS. LABORATORY SAFETY GUIDELINES ARE GIVEN FOR EACH OF THE THREE CURRICULUMS. IN THE TEACHING GUIDE, A 3-COLUMN FORMAT PROVIDES CONCEPTS, STUDENT LEARNING ACTIVITIES, AND REFERENCES FOR UNITS IN TEXTILES, FOODS, HEALTH CARE, COMMUNICATIONS, MERCHANDISING, DATA PROCESSING, MANUFACTURING, AND TRANSPORTATION. VARIOUS WORK SHEETS, ORGANIZATION CHARTS, AND FORMS USED IN BUSINESS ENTERPRISES ARE INCLUDED FOR SIMULATION USE. (MU)

VT 101 207

OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE I - 6TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

PITTSBURGH PUBLIC SCHOOLS, PA.
MF AVAILABLE IN VT-ERIC SET.
DIV. OF CURRICULUM, PITTSBURGH BOARD OF PUBLIC EDUCATION, 341 BELLEFIELD AVENUE, PITTSBURGH, PA 15213 (\$4.00)
PUB DATE - SEP73 92P.

DESCRIPTORS - *CURRICULUM GUIDES; *INTEGRATED CURRICULUM; *VOCATIONAL DEVELOPMENT; *CAREER PLANNING; CAREER EDUCATION; TEACHING GUIDES; *GRADE 6
IDENTIFIERS - PITTSBURGH PUBLIC SCHOOLS

ABSTRACT - DESIGNED FOR THE CHANGING CURRICULUM IN THE PITTSBURGH PUBLIC SCHOOLS, THIS

COURSE OF STUDY FOR GRADE 6 INTEGRATES MATERIAL ON CAREER ORIENTATION INTO THE REGULAR CURRICULUM. THE FOUR GENERAL CONCEPTS BASIC TO THE WORLD OF WORK WHICH ARE TREATED IN THE GUIDE ARE HUMAN RELATIONS, PRODUCTION, COMMUNICATIONS, AND CONSUMERSHIP. A 3-COLUMN TEACHING GUIDE CONTAINS CONCEPTS TO BE TAUGHT, LEARNING ACTIVITIES SUITABLE AT EACH STEP, AND SUBJECT AREAS WITH WHICH THE CONCEPT CAN BE INTEGRATED. SPECIAL INSTRUCTIONS TO PITTSBURGH TEACHERS PROVIDE HELP IN USING OUTSIDE SPEAKERS AND IN ORDERING VISUAL AIDS. (MU)

VT 101 223
 BAILLARGEON, JARVIS
 SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.

NEW YORK STATE EDUCATION DEPT.,
 ALBANY. BUREAU OF INDUSTRIAL ARTS.
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - 73 19P.

DESCRIPTORS - SECONDARY GRADES;
 *INDUSTRIAL ARTS; *CURRICULUM
 PLANNING; *INSTRUCTIONAL PROGRAMS;
 *COURSE ORGANIZATION; *GUIDELINES

ABSTRACT - THIS DOCUMENT OUTLINES A PROGRAM OF INDUSTRIAL ARTS INSTRUCTION FOR SECONDARY GRADES 9 THROUGH 12. EIGHT BASIC SERIES AREAS TITLED CERAMICS, DRAWING, ELECTRICITY, GRAPHIC ARTS, METALS, PLASTICS, POWER MECHANICS, AND WOODS AND THREE TECHNOLOGY SERIES AREAS TITLED GRAPHICS TECHNOLOGY, POWER TECHNOLOGY, AND PRODUCTION TECHNOLOGY ARE EACH DIVIDED INTO TWO SEMESTER (1/2 YEAR) SELF-CONTAINED ELECTIVE COURSES. EACH COURSE IS SUBDIVIDED INTO SECTIONS WITH A RECOMMENDED NUMBER OF DAILY CLASS PRESENTATIONS. A FORMAT FOR WRITING COURSES OF STUDY IS GIVEN TO ASSIST TEACHERS IN DEVELOPING LOCAL CURRICULUM GUIDES. (AUTHOR)

VT 101 231
 OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.

PITTSBURGH BOARD OF PUBLIC EDUCATION, PA. DEPT. OF CURRICULUM AND INSTRUCTION.
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - OCT73 593P.

DESCRIPTORS - *CURRICULUM GUIDES;
 *GRADE 8; *VOCATIONAL EDUCATION;
 *INDUSTRIAL ARTS; *HOME ECONOMICS;
 BUSINESS EDUCATION
 IDENTIFIERS - PITTSBURGH;
 PENNSYLVANIA

ABSTRACT - THIS CURRICULUM GUIDE OUTLINES LEARNING PATTERNS WHICH MAY BE ADAPTED OR ADOPTED BY THE CREATIVE TEACHER IN OCCUPATIONAL EDUCATION. EMPHASIS IS PLACED ON PROCESSES BASIC TO SPECIFIC JOB ACTIVITIES FOUND WITHIN THE AREAS OF BUSINESS EDUCATION, HOME ECONOMICS, AND INDUSTRIAL ARTS. STUDENTS ARE ABLE TO ASSOCIATE, INTEGRATE AND CATALOG THESE BASIC PROCESSES WITH SPECIFIC JOB ROLES OR CAREERS RANGING FROM ENTRY LEVEL JOBS TO ADMINISTRATIVE POSITIONS. THE EDUCATIONAL GOAL OF THE EXPERIENCES IS THE ADAPTION OF THIS KNOWLEDGE TO FUTURE DECISION-MAKING PROCESSES BY THE STUDENTS. FOR EACH UNIT GENERAL OBJECTIVES, SPECIFIC OBJECTIVES, PROCESSES, CAREERS, DEVELOPING CORE, STUDENT LEARNING ACTIVITIES AND REFERENCES ARE GIVEN. UNITS COVERED INCLUDE: BUSINESS COMMUNICATIONS, INFORMATION PROCESSING, MERCHANDISING, CLOTHING AND TEXTILES, FOODS AND NUTRITION, HOME, HEALTH AND COMMUNITY SERVICE, CONSTRUCTION, MANUFACTURING, POWER AND TRANSPORTATION, AND VISUAL COMMUNICATIONS. (AUTHOR/KB)

VT 101 239
 HANSEN, GARY G.
 A GUIDE TO THE METRIC SYSTEM.

PURDUE UNIV., LAFAYETTE, IND.
 BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.; INDIANA STATE BOARD OF VOCATIONAL EDUCATION, INDIANAPOLIS.
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - 72 17P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; *METRIC SYSTEM; *MEASUREMENT; *GUIDES

ABSTRACT - WRITTEN IN NON-TECHNICAL LANGUAGE, THIS BASIC GUIDE TO USING THE METRIC SYSTEM COULD BE OF BENEFIT TO CHILDREN AND ADULTS ALIKE DURING THE INEVITABLE TRANSITION PERIOD IN THE UNITED STATES. A BRIEF DISCUSSION OF THE NEED FOR MEASUREMENT AND THE HISTORY OF MEASURING TECHNIQUES IS FOLLOWED BY AN EXPLANATION OF THE SIX BASIC AREAS OF MEASUREMENT AND THEIR METRIC COMPONENTS. THESE AREAS ARE LENGTH, WEIGHT, MASS, TIME, TEMPERATURE, AND LUMINOUS INTENSITY. THE GUIDE ALSO CONTAINS A TABLE FOR CONVERSION FROM ENGLISH TO METRIC UNITS AND A SUMMARY OF PRACTICAL ADVANTAGES OFFERED BY THE METRIC SYSTEM. (KH)

VT 101 283

A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.

CAESAR ROONEY SCHOOL DISTRICT,
CAMDEN, DEL.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 237P.

DESCRIPTORS - *CURRICULUM GUIDES; *CAREER EDUCATION; *GRADE 7; *GRADE 8; *OCCUPATIONAL INFORMATION IDENTIFIERS - CAESAR RODNEY JUNIOR HIGH SCHOOL

ABSTRACT - THIS CAREER EDUCATION CURRICULAR GUIDE WAS DEVELOPED TO GIVE EACH TEACHER SUGGESTIONS AS TO HOW ONE MAY PROVIDE EXPOSURE OF CAREER INFORMATION TO STUDENTS. THE INFORMATION IN THE BOOKLET MAY BE USED VERBATIM, OR IT MAY BE USED AS A REFERENCE FOR ADAPTING ONE'S OWN IDEAS FOR TEACHING ABOUT THE WORLD OF WORK. THIS TOTALLY INTEGRATED CURRICULUM CUTS ACROSS ALL OF THE STUDENT'S EDUCATIONAL EXPERIENCES AND RUNS THROUGH THE ENTIRE JUNIOR HIGH SCHOOL CURRICULUM, GRADES 7 AND 8, PROVIDING ALL STUDENTS THE OPPORTUNITY TO STUDY ALL OCCUPATIONAL CLUSTERS. THROUGH FIELD TRIPS, HANDS-ON APPROACHES,

CLASSROOM EXPLORATION AND RESEARCH, STUDENTS ARE PROVIDED THE OPPORTUNITY TO EXAMINE MORE CLOSELY THOSE CLUSTERS THAT HAVE THE GREATEST PERSONAL APPEAL. THE FOLLOWING CURRICULAR AREAS ARE COVERED: ART, ENGLISH, HEALTH AND PHYSICAL EDUCATION, HOME ECONOMICS, INDUSTRIAL ARTS, MATHEMATICS, MUSIC, SCIENCE, SOCIAL STUDIES, AND SPECIAL EDUCATION. IT IS RECOMMENDED THAT CAREER INSTRUCTION BE INTEGRATED INTO EACH OF THE ABOVE AREAS FOR A MINIMUM OF SEVEN CLASS HOURS PER SECTION AT VARIOUS INTERVALS THROUGHOUT THE YEAR. FOR EACH AREA THE GENERAL PURPOSE, PUPIL OBJECTIVES, TECHNIQUES, MATERIALS, EVALUATION, AND A UNIT REFERENCE ARE PROVIDED. A LIST OF RELATED OCCUPATIONS, AN OUTLINE FOR SPEAKERS, INSTRUCTIONAL AIDS, AND A LIST OF SUGGESTED FIELD TRIPS ARE APPENDED. A FINAL REPORT ON THE CAREER EDUCATION CURRICULAR MODEL IS ALSO APPENDED. (KB)

VT 101 287

DRUMMOND, ROBERT J.; VITRO, FRANK T., JR.
LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.

MAINE UNIV., ORONO.
MAINE RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, AUGUSTA.
MF AVAILABLE IN VT-ERIC SET.
RESEARCH COORDINATING UNIT, BUREAU OF VOCATIONAL EDUCATION, STATE DEPT. OF EDUCATIONAL AND CULTURAL SERVICES, AUGUSTA, MAINE 04330
PUB DATE - ND 79P.

DESCRIPTORS - *LEARNING THEORY; *TRANSFER OF TRAINING; *CLASSROOM TECHNIQUES; *INSTRUCTIONAL MEDIA; *TEACHING TECHNIQUES; BEHAVIORAL OBJECTIVES; REINFORCEMENT IDENTIFIERS - MAINE

ABSTRACT - THE PURPOSE OF THIS MANUAL IS TO PROVIDE VOCATIONAL AND TECHNICAL TEACHERS WITH A REVIEW OF THE PRINCIPLES OF LEARNING WHICH HAVE APPLICATION TO THEIR SUBJECT FIELDS. THE BOOKLET HAS TWO SECTIONS: (1) A SELECTED REVIEW OF

THE LITERATURE RELATED TO HOW LEARNING THEORY IS APPLIED TO INSTRUCTION; AND (2) A LISTING OF PRINCIPLES OF LEARNING THAT HAVE BEEN IDENTIFIED AS HAVING APPLICATION TO CLASSROOM TEACHING. THIS PRELIMINARY REPORT IS DESIGNED TO PROVIDE TEACHERS WITH AN OUTLINE OF THE COMPONENTS OF A LESSON, CATEGORIES OF LEARNING, AND THE USES OF CERTAIN INSTRUCTIONAL MEDIA. (KB)

VT 101 299
ELECTRONICS/ELECTRICITY.
INSTRUCTOR'S DATA GUIDE.

OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
DOCUMENT NOT AVAILABLE IN VT-ERIC
SET.
DELMAR PUBLISHERS, MOUNTAINVIEW
AVENUE, ALBANY, NY 12205.
PUB DATE - 71 102P.

DESCRIPTORS - *TEACHING GUIDES;
ELECTRONICS; *LABORATORY
EXPERIMENTS; *LABORATORY MANUALS;
*ELECTRICITY

ABSTRACT - DESIGNED TO CORRELATE WITH A STUDENT WORKBOOK, THIS INSTRUCTOR'S GUIDE FOR ELECTRONICS/ELECTRICITY OFFERS A FORMAT ARRANGED TO PROVIDE USEFUL INFORMATION ABOUT EACH OF 27 LABORATORY EXPERIMENTS. FOLLOWING BRIEFLY STATED OBJECTIVES OF THE EXPERIMENT, DEFINITIONS OF TECHNICAL TERMS AND MATHEMATICAL EXPRESSIONS, APPEARS A COMPLETE LIST OF COMPONENTS AND INSTRUMENTS REQUIRED FOR THE EXPERIMENT. DATA TABLES AND PROBLEMS ARE REPRODUCED FROM THE STUDENT MANUAL, ALONG WITH THE SOLUTIONS TO THE PROBLEMS. IN ADDITION TO THIS INFORMATION, THE GUIDE CONTAINS OTHER COMMENTS IN THE FORM OF PRECAUTIONS, ANALYSIS NOTES, AND TEACHING SUGGESTIONS. AN EQUIPMENT LIST IS APPENDED. (KH)

VT 101 304
HILL, CLAIR S.
A COMPUTERIZED TASK INVENTORY
SYSTEM FOR PROVIDING CURRICULUM
CONTENT. CARPENTRY. FINAL REPORT.

NORTHERN ARIZONA UNIV., FLAGSTAFF.
BUREAU OF OCCUPATIONAL AND ADULT
EDUCATION (DHEW/OE), WASHINGTON,
D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 30JUN74 39P.

DESCRIPTORS - *CARPENTERS; *TASK
ANALYSIS; *JOB ANALYSIS; *BUILDING
TRADES; *CONSTRUCTION (PROCESS);
WOODWORKING; TRADE AND INDUSTRIAL
EDUCATION; JOB SKILLS; CURRICULUM
DEVELOPMENT
IDENTIFIERS - ARIZONA

ABSTRACT - TO ESTABLISH DATA GATHERING PROCEDURES AND TO COLLECT DATA FOR IMPROVING THE QUALITY OF THE COURSE CONTENT IN A CLASS ON CARPENTRY, AN INITIAL TASK INVENTORY WAS DEVELOPED BY SEARCHING EXISTING CARPENTRY JOB DESCRIPTIONS, CURRICULUM GUIDES, AND COURSES OF STUDY. ONLY THOSE TASKS THAT WERE THOUGHT TO BE PERFORMED BY CURRENT WORKERS IN RESIDENTIAL CARPENTRY IN ARIZONA WERE INCLUDED. TASKS WERE GROUPED INTO TEN AREAS CALLED DUTIES AND THE RESULTING DUTY STATEMENTS WERE ARRANGED IN THE SEQUENTIAL ORDER NORMALLY PERFORMED ON THE JOB. TWO CONSULTANTS AND A THIRD EVALUATOR REVIEWED AND REVISED THE STATEMENTS. FROM THE EXPERIENCE, RECOMMENDATIONS INCLUDED PROCEDURAL MATTERS TO EXPAND THE SAMPLE AND REPLICATE THE STUDY IN OTHER AREAS OF THE STATE. (AUTHOR/MU)

VT 101 332
RILEY, PETER
ELEMENTARY CRAFTS PROGRAM (FORMERLY
OTHER LADDERS). FINAL REPORT.

HUSE MEMORIAL SCHOOL, BATH, MAINE.
MAINE STATE DEPT. OF EDUCATIONAL
AND CULTURAL SERVICES, AUGUSTA.
BUREAU OF VOCATIONAL EDUCATION.;
BUREAU OF OCCUPATIONAL AND ADULT
EDUCATION (DHEW/OE), WASHINGTON,
D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 30JUN74 10P.

DESCRIPTORS - *ELEMENTARY GRADES;
LEARNING ACTIVITIES; *CREATIVE
EXPRESSION; *SUCCESS FACTORS;

*ACADEMICALLY HANDICAPPED;
*HANDICRAFTS

ABSTRACT - TO PROVIDE SUCCESS EXPERIENCES FOR CHRONICALLY FAILING CHILDREN, A PROGRAM WAS DESIGNED TO OFFER OPPORTUNITIES IN THE AREAS OF WOODWORKING, CLOTH CRAFTS, PHOTOGRAPHY AND CLAY MODELING. THE 35 CHILDREN INVOLVED WERE BETWEEN THE AGES OF 10 AND 13 AND AT LEAST TWO THIRDS OF THE GROUP WERE DRAWN FROM SPECIAL EDUCATION CLASSES. ALL ACTIVITIES, USING READILY AVAILABLE MATERIALS, WERE STRUCTURED AND PROGRAMMED TO INSURE THE CHILD'S SUCCESS IN ADVANCE. CONCLUSIONS OF THE PROJECT WERE: (1) THAT A VERY STRUCTURED TEACHING APPROACH WORKS WELL WITH THE ACADEMICALLY DEFICIENT CHILD, (2) THAT THERE IS A CLEAR NEED FOR A MUCH BROADER ACTIVITY PROGRAM, AND (3) THAT THIS WORKABLE TYPE OF PRE-VOCATIONAL EXPERIENCE SHOULD BE OFFERED TO EVERY CHILD. (KH)

VT 101 406
SHIPP, JEANETTA C.
CAREER AWARENESS K-6 (ELEMENTARY).
DICTIONARY OF OCCUPATIONAL TITLES.

OKLAHOMA STATE BOARD OF VOCATIONAL EDUCATION, STILLWATER.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.; OKLAHOMA STATE DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION, STILLWATER. CURRICULUM AND INSTRUCTIONAL MATERIALS CENTER.
MF AVAILABLE IN VT-ERIC SET.

OEG-0-72-4682

OKLAHOMA STATE DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION, CURRICULUM AND INSTRUCTIONAL MATERIALS CENTER, 1515 W. SIXTH AVENUE, STILLWATER, OKLAHOMA 74074 (\$3.25)
PUB DATE - 74 299P.

DESCRIPTORS - *ELEMENTARY GRADES;
*CAREER EDUCATION; *DICTIONARIES;
*OCCUPATIONAL CLUSTERS
IDENTIFIERS - OKLAHOMA

ABSTRACT - THIS HANDBOOK WILL AID PUPILS IN ELEMENTARY SCHOOL TO BECOME AWARE OF THE OCCUPATIONAL CLUSTERS THAT THEY WILL BE STUDYING IN GREATER DEPTH DURING JUNIOR AND

SENIOR HIGH SCHOOL. THIS PUBLICATION SHOULD BE USED TO FOCUS ATTENTION ON AWARENESS OF OCCUPATIONS RATHER THAN CHOICE, TO GENERATE EXCITEMENT RATHER THAN PRODUCTION, AND TO EXPOSE PUPILS TO DIFFERENT LIFE STYLES, CAREER PATTERNS, AND EDUCATIONAL EXPERIENCES THAT ENHANCE THE INDIVIDUAL. THE HANDBOOK IS INTENDED FOR USE WITH THE CAREER AWARENESS GUIDE "I CAN BE ME FROM A TO Z." THIS DOCUMENT IS ORGANIZED AROUND THE FOLLOWING 15 MAJOR OCCUPATIONS: AGRI-BUSINESS AND NATURAL RESOURCES, BUSINESS AND OFFICE, COMMUNICATIONS AND MEDIA, CONSTRUCTION, CONSUMER AND HOMEMAKING EDUCATION, ENVIRONMENTAL CONTROL, FINE ARTS AND HUMANITIES, HEALTH, HOSPITALITY AND RECREATION, MANUFACTURING, MARINE SCIENCE, MARKETING AND DISTRIBUTION, PERSONAL SERVICE, PUBLIC SERVICE, AND TRANSPORTATION. (AUTHOR/LJ)

VT 101 412
BLAIR, MARGARET, ED.; LAW, GORDON, ED.
INTRODUCTION TO VOCATIONS. A
TEACHERS GUIDE.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - SEP73 443P.

DESCRIPTORS - *STATE CURRICULUM GUIDES; *TEACHING GUIDES; *CAREER EDUCATION; *CAREER PLANNING;
OCCUPATIONAL INFORMATION
IDENTIFIERS - NEW JERSEY

ABSTRACT - THIS TEACHING GUIDE IS FOR USE IN THE CURRICULUM OF THE NEW JERSEY PUBLIC SCHOOLS WHERE CAREER EXPLORATION IS IMPLEMENTED INTO THE JUNIOR HIGH SCHOOL GRADES. AN INTRODUCTION DIRECTED TO SCHOOL ADMINISTRATORS CONCERNS FUNDING REQUIREMENTS AND DETAILS FOR MEETING STATE STANDARDS IN SUCH MATTERS AS TEACHER CERTIFICATION, COST OF INSTRUCTION, SPENDING ALLOWANCES, SPEAKER INFORMATION,

AND FIELD TRIP PROCEDURES. THE MODULES, HERE CALLED CYCLES, PROVIDE CURRICULUM MATERIALS FOR A NUMBER OF UNITS WHICH MAY BE USED SELECTIVELY. THEY COVER SIX AREAS: (1) KNOW YOURSELF, (2) BUSINESS EDUCATION, (3) HEALTH SERVICES, (4) HOME ECONOMICS, (5) INDUSTRIAL ARTS, AND (6) SCIENCES. EACH CYCLE CONTAINS AN INTRODUCTION, OBJECTIVES, SUBJECT MATERIALS, ASSIGNMENTS, AND A DAY-TO-DAY PROCEDURES GUIDE. RESOURCE MATERIALS AND A BIBLIOGRAPHY ARE INCLUDED. (MU)

VT 101 415

FROBOSE, DENISE C.
HANDBOOK OF CAREER INFORMATION RESOURCES.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - NOV74 166P.

DESCRIPTORS - *INFORMATION SOURCES;
*RESOURCE MATERIALS; *RESOURCE GUIDES; *CAREER EDUCATION;
*OCCUPATIONAL CLUSTERS; MANUALS;
INSTRUCTIONAL MATERIALS

ABSTRACT - THIS PUBLICATION LISTS INSTRUCTIONAL RESOURCES FOR CAREER EDUCATION. MATERIALS HAVE BEEN ORGANIZED IN TERMS OF THE 15 OCCUPATIONAL CLUSTERS DEVELOPED BY THE U.S. OFFICE OF EDUCATION. A LISTING OF JOB FAMILIES AND TYPICAL OCCUPATIONS WITHIN EACH CLUSTER PROVIDES EASY ACCESS TO THE RESOURCE LISTING WHICH FOLLOWS. MATERIALS LISTED INCLUDE TEACHING AIDS, FILMS, PAMPHLETS, AND ORGANIZATIONS. (AUTHOR/MU)

VT 101 416

THE OREGON VO-TECH MATH PROJECT,
PHASE ONE OF TWO. FINAL REPORT.

LINN-BENTON COMMUNITY COLL.,
ALBANY, OREG.
OREGON STATE DEPT. OF EDUCATION,
SALEM. DIV. OF COMMUNITY COLLEGES
AND VOCATIONAL EDUCATION.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 27JUN74 200P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; *INDIVIDUALIZED INSTRUCTION; *PRACTICAL MATHEMATICS; *TEACHER DEVELOPED MATERIALS; *VOCATIONAL EDUCATION; OCCUPATIONAL CLUSTERS IDENTIFIERS - LINN-BENTON COMMUNITY COLLEGE; OREGON

ABSTRACT - TO PROVIDE REALISTIC VERBAL PROBLEM SETS FOR OCCUPATIONAL COURSES OFFERED IN OREGON COMMUNITY COLLEGES AND HIGH SCHOOLS, THE LINN-BENTON COMMUNITY COLLEGE HAS EVALUATED A SMALL SUBSET OF INSTRUCTIONAL PACKAGES FOR A NUMBER OF SPECIFIC CAREER CLUSTERS. TWELVE SELECTED HIGH SCHOOLS AND SEVEN COMMUNITY COLLEGES PROVIDED THE EVALUATION SITES FOR THE STUDY. THE INSTRUCTIONAL MATERIALS WERE CONVERTED TO AN INDIVIDUALIZED FORMAT USING THE FOLLOWING MATH TOPICS: WHOLE NUMBERS, DECIMALS, FRACTIONS AND RATIO AND PORTIONS. PROBLEM SETS WERE CHOSEN FOR THE OCCUPATIONAL FIELDS OF BUILDING CONSTRUCTION, INDUSTRIAL MECHANICS, METALS, MARKETING, CLERICAL, AND WOOD PRODUCTS. FOLLOWING THEIR CLASSROOM USE OF THE MATERIALS, INSTRUCTORS PROVIDED SUGGESTIONS AND REVISIONS FOR THE PROBLEM SETS. SAMPLE WORKSHEETS ARE INCLUDED IN THE DOCUMENT. (MU)

VT 101 419

FOSTER, MARY
A MANUFACTURING MINI-UNIT CENTERED
AROUND AN ORIGINAL PLAY.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT.
OF VOCATIONAL EDUCATION.
BUREAU OF OCCUPATIONAL AND ADULT
EDUCATION (DHEW/OE), WASHINGTON,
D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)
PUB DATE - JUL74 19P.

DESCRIPTORS - *CAREERS; DRAMATICS;
*MANUFACTURING; *ASSEMBLY
(MANUFACTURING); ELEMENTARY GRADES
IDENTIFIERS - OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS IS A LEARNING EXPERIENCE MINI-UNIT ABOUT MANUFACTURING CENTERED AROUND AN ORIGINAL PLAY. THE PLAY CENTERS AROUND A GROUP OF CHILDREN WHO HAVE BEEN STUDYING ABOUT MANUFACTURING AND SPECIFICALLY THE ASSEMBLY LINE. THE UNIT ALSO INCLUDES PRE-PLAY ACTIVITIES, POST-PLAY ACTIVITIES, RESOURCES, AND A TEACHER EVALUATION. (KB)

VT 101 434
RAMIGE, JOYCE
GENERAL MATH TOPICS AND RELATED CAREERS.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION.
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)
PUB DATE - JUL74 29P.

DESCRIPTORS - *CAREERS; *PRACTICAL MATHEMATICS; FOOD STORES; *MANUFACTURING
IDENTIFIERS - OMAHA PUBLIC SCHOOLS

ABSTRACT - THE ACTIVITIES IN THIS GUIDE ARE DESIGNED TO ASSOCIATE CAREERS WITH GENERAL MATHEMATICS TOPICS COVERED DURING THE YEAR. THE TOPICS COVERED INCLUDE: DECIMALS/SUPERMARKET, PERCENTS/SPORTSWRITER, FRACTIONS/BAKERY, WHOLE NUMBERS/BOWLING, AND GEOMETRY/MANUFACTURING. EACH TOPIC INCLUDES OBJECTIVES AND ACTIVITIES WHICH ARE FOLLOWED BY CAREERS IN THAT AREA. (KB)

VT 101 440
CAREER EDUCATION ACTIVITY GUIDE.
NEW OPPORTUNITIES FOR WORK.

LEWISTON SCHOOL DISTRICT, MAINE.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-0652(361)
PUB DATE - ND 359P.

DESCRIPTORS - *CAREER EDUCATION; *EMPLOYMENT OPPORTUNITIES; *LEARNING ACTIVITIES; *TEACHING GUIDES
IDENTIFIERS - MAINE

ABSTRACT - THIS NOTEBOOK OF CAREER EDUCATION LEARNING ACTIVITIES ILLUSTRATES SOME OF THE METHODS USED BY LEWISTON (MAINE) TEACHERS TO IMPLEMENT CAREER EDUCATION IN THEIR CLASSROOMS. THE DOCUMENT IS DIVIDED INTO THE FOLLOWING COMPONENTS: THE UNITS K-1 THROUGH 6; ART K-6; MINI-COURSES GRADES 3-6; THE SUBSTANTIVE AREAS OF LANGUAGE ARTS, SCIENCE, MATHEMATICS, SOCIAL SCIENCE, FOREIGN LANGUAGES, HOME ECONOMICS, INDUSTRIAL ARTS, AND ART FOR GRADES 7-9; AND EVALUATION FOR GRADES 10-12. CONTAINED WITHIN THE APPENDIX ARE AN ANALYSIS OF THE 15 CAREER CLUSTERS, CAREER CLUSTERS AND SUBJECT MATTER, AND K-16 CAREER EDUCATION SCOPE AND SEQUENCE PARADIGM. (LJ)

VT 101 443
BACKGROUND FOR BUILDERS - RELATED SCIENCE AND TRADE INFORMATION FOR THE BUILDING TRADES.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JAN75 239P.

DESCRIPTORS - *BUILDING TRADES; *TRADE AND INDUSTRIAL EDUCATION; *VOCATIONAL EDUCATION
IDENTIFIERS - NEW JERSEY

ABSTRACT - THIS SET OF SCIENCE LESSONS ABOUT THE BUILDING INDUSTRY IS WRITTEN TO BE FUN FOR STUDENTS BY INCLUDING FICTION, HUMOR, AND CARTOONS WITHIN EACH UNIT. THE UNIT TITLES ARE PLANS, EXCAVATION, MASONRY, FRAME CONSTRUCTION, PLUMBING, HEATING AND COOLING, ELECTRICITY, PAINTING, WALL AND FLOOR COVERS, SHEET METAL, VENTILATION, AND INSECT CONTROL.

VT 101 445
 TRACY, VIRGINIA
 VOCABULARY SKILLS - AUTO SHOP.
 BOOKLET I - ALPHABETIZING; BOOKLET
 II - WORD STUDY; BOOKLET III - WORD
 MEANING.

RUTGERS, THE STATE UNIV., NEW
 BRUNSWICK, N.J. CURRICULUM LAB.
 NEW JERSEY STATE DEPT. OF
 EDUCATION, TRENTON. DIV. OF
 VOCATIONAL EDUCATION.
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - SEP74 70P.

DESCRIPTORS - *AUTO MECHANICS;
 *VOCABULARY SKILLS; *SEMANTICS;
 *WORD STUDY SKILLS; *ALPHABETIZING
 SKILLS
 IDENTIFIERS - NEW JERSEY

ABSTRACT - A SERIES OF THREE
 BOOKLETS ON VOCABULARY SKILLS FOR
 THE AUTO SHOP, THESE BOOKLETS AID
 THE LEARNER IN TWO WAYS: (1) IT
 FAMILIARIZES THE STUDENT WITH THE
 BASIC VOCABULARY USED IN THE AUTO
 SHOP, AND (2) THE STUDENT WORKS
 WITH VOCABULARY SKILLS NEEDED FOR
 SUCCESS IN HIS WORK. THE FIRST
 BOOKLET OF TEN EXERCISES DEALS WITH
 ALPHABETIZING. THE SECOND BOOKLET,
 WORD STUDY, COVERS ROOTS, PREFIXES,
 SUFFIXES, AND THE SYLLABICATION OF
 WORDS. IN ORDER TO USE THIS SECOND
 BOOKLET A STUDENT MUST BE ABLE TO
 USE A DICTIONARY. THE FINAL
 BOOKLET, WORD MEANING, DEALS WITH
 IDENTIFICATION AND DIFFERENTIATION
 OF WORDS USED IN THE AUTO SHOP.
 (AUTHOR/KB)

VT 101 455
 VOCATIONAL EDUCATION STATE
 INSTRUCTIONAL MATERIALS FOR TRADE
 AND INDUSTRIAL OCCUPATIONS. REVISED
 1974.

OKLAHOMA STATE DEPT. OF VOCATIONAL
 AND TECHNICAL EDUCATION,
 STILLWATER. CURRICULUM AND
 INSTRUCTIONAL MATERIALS CENTER.
 OFFICE OF EDUCATION (DHEW),
 WASHINGTON, D.C.
 MF AVAILABLE IN VT-ERIC SET.
 OEG-0-72-4682
 PUB DATE - 74 80P.

DESCRIPTORS - *ANNOTATED
 BIBLIOGRAPHIES; *ABSTRACTS;
 *VOCATIONAL EDUCATION;
 *INSTRUCTIONAL MATERIALS; *TRADE
 AND INDUSTRIAL EDUCATION

ABSTRACT - THIS ANNOTATED LISTING
 OF CURRICULUM MATERIALS FOR TRADE
 AND INDUSTRIAL OCCUPATIONS IS
 PROVIDED IN ORDER TO APPRISE
 PLANNERS, ADMINISTRATORS,
 VOCATIONAL EDUCATORS AND OTHERS
 INTERESTED IN OFFERING OR INVOLVED
 IN VOCATIONAL PROGRAMS OF THE
 AVAILABLE CURRICULUM MATERIALS
 DEVELOPED BY VARIOUS STATES. THE
 CURRICULUM MATERIALS HAVE BEEN
 IDENTIFIED WITH THE INSTRUCTIONAL
 TITLES AND CODES FROM THE
 CLASSIFICATION SYSTEM OF THE OFFICE
 OF EDUCATION. THE TITLE OF THE
 DOCUMENT, THE PUBLICATION DATE, THE
 NUMBER OF PAGES, PRICE, AND A
 SUMMARY OF THE CONTENT IS PROVIDED
 FOR EACH ANNOTATION. (KB)

VT 101 466
 YORK, EDWIN; JOHNSON, CONRAD
 HISTORIC NEW JERSEY OCCUPATIONS. A
 RICH RESOURCE FOR THE CAREER
 AWARENESS OF TODAY'S CHILDREN AND
 YOUTH.

NEW JERSEY STATE DEPT. OF
 EDUCATION, TRENTON. DIV. OF
 VOCATIONAL EDUCATION.
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - AUG74 44P.

DESCRIPTORS - *OCCUPATIONAL
 INFORMATION; *CRAFTSMEN; *UNITED
 STATES HISTORY; *TEACHING GUIDES;
 *INSTRUCTIONAL TRIPS
 IDENTIFIERS - *NEW JERSEY

ABSTRACT - INTENDED FOR USE AS A
 SOURCEBOOK BY NEW JERSEY TEACHERS
 TO ENCOURAGE MEETINGS AND EXCHANGES
 OF VIEWS BETWEEN NEW JERSEY
 STUDENTS AND THE STATE'S
 TRADITIONAL CRAFTSMEN, THIS
 DOCUMENT PRESENTS K-12 CAREER
 ACTIVITIES THROUGH NEW JERSEY
 HISTORIC SITE VISITATIONS,
 TRADITIONAL CRAFT DEMONSTRATIONS,
 AND RELATED DISPLAYS OF OLD TOOLS.
 CHAPTER TITLES ARE (1) EXPLORING
 HISTORIC OCCUPATIONS, (2) CRAFT

FAIR'S ARE GREAT, (3) HISTORIC SITES AND MUSEUMS YOU MUST VISIT, (4) CRAFTSMEN WILLING TO GIVE DEMONSTRATIONS, (5) MODELS TO MAKE, (6) FUN THINGS TO DO IN LEARNING ABOUT EARLY NEW JERSEY HOME ACTIVITIES, AND (7) PRINTED RESOURCES HELPFUL FOR UNDERSTANDING NEW JERSEY'S HISTORIC OCCUPATIONS. (LJ)

VT 101 474

STALLSMITH, DOUGLAS D.
GUIDELINES FOR PLANNING INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT.

WISCONSIN STATE DEPT. OF PUBLIC INSTRUCTION, MADISON. BUREAU OF CAREER AND MANPOWER DEVELOPMENT. DIV. OF INSTRUCTIONAL SERVICES. MF AVAILABLE IN VT-ERIC SET. PUB DATE - ND 217P.

DESCRIPTORS - *EDUCATIONAL FACILITIES; *FACILITY GUIDELINES; *INDUSTRIAL EDUCATION; OBJECTIVES; SPECIFICATIONS; *EQUIPMENT STANDARDS; FINANCIAL SUPPORT IDENTIFIERS - WISCONSIN

ABSTRACT - THIS GUIDE IS WRITTEN FOR INDUSTRIAL EDUCATION TEACHERS AND TEACHER EDUCATORS. THE GUIDE REPRESENTS IDEAS, INFORMATION, SUGGESTIONS AND A BEGINNING FOR THE TEACHER IN THE PLANNING OF INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT. THE IDEAS STRESSED AND SUGGESTED FOLLOW THE OBJECTIVES OF INDUSTRIAL EDUCATION AS OUTLINED IN THE WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION. SOME OF THE TOPICS COVERED INCLUDE: OBJECTIVES IN INDUSTRIAL EDUCATION, TYPES OF INDUSTRIAL EDUCATION LABORATORIES, ENVIRONMENT AND SERVICE SPECIFICATIONS, EQUIPMENT RECOMMENDATIONS AND FINANCIAL ALTERNATIVES. THIS GUIDE IS INTENDED TO BE USED IN A COMPANION PUBLICATION TO THE WISCONSIN STATE CURRICULUM GUIDE WHICH WILL IDENTIFY ALTERNATIVES, RESOURCES AND SPECIFICATIONS FOR A FACILITIES PROPOSAL. (AUTHOR/KB)

VT 101 476

A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.

ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AVAILABLE IN VT-ERIC SET. PUB DATE - ND 828P.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *ABSTRACTS; *INSTRUCTIONAL MATERIALS; *VOCATIONAL EDUCATION; *CAREER EDUCATION; HEALTH OCCUPATIONS; PRESCHOOL EDUCATION; PUBLIC SERVICE OCCUPATIONS; ADULT EDUCATION; MARKETING; BUSINESS EDUCATION

ABSTRACT - THIS NATIONAL ANNOTATED BIBLIOGRAPHY LISTS CURRICULUM MATERIALS WHICH ARE AVAILABLE IN THE AREAS OF VOCATIONAL AND CAREER INFORMATION. THE AREAS COVERED INCLUDE: APPLIED BIOLOGICAL AND AGRICULTURAL OCCUPATIONS; BUSINESS, MARKETING, AND MANAGEMENT OCCUPATIONS; HEALTH OCCUPATIONS; INDUSTRIAL ORIENTED OCCUPATIONS; PERSONAL AND PUBLIC SERVICE OCCUPATIONS; PRESCHOOL THROUGH GRADES 6; GRADES 7 AND 8; GRADES 9 AND 10; GRADES 11 AND 12; GRADES 13 AND 14; ADULT EDUCATION; HANDICAPPED STUDENTS; DISADVANTAGED STUDENTS; CAREER EDUCATION; COMMON TO ALL AREAS; TEACHER-EDUCATOR; STATE AGENCY PERSONNEL; OCCUPATIONAL EDUCATION ADMINISTRATOR; AND LOCAL AGENCY GUIDANCE PERSONNEL. EACH ABSTRACT CONTAINS THE TITLE OF MATERIALS, NAME OF DEVELOPERS, TYPE OF MATERIAL, FOR STUDENT USE, TARGET LEVEL OF STUDENT, FOR PROFESSIONAL USE, TRAINING REQUIRED TO USE MATERIALS, CONSULTING SERVICES, COPYRIGHTS, COST, ORDERING INFORMATION, AND THE ABSTRACT. (KB)

VT 101 487

MASON, EMMETT E., ED.
VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.

CENTRAL MICHIGAN UNIV., MOUNT-
PLEASANT.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 65P.

DESCRIPTORS - *PERFORMANCE BASED
TEACHER EDUCATION; *HOME ECONOMICS;
*BUSINESS EDUCATION; *INDUSTRIAL
EDUCATION; *COURSE OBJECTIVES;
CURRICULUM; TEACHER EDUCATION
CURRICULUM; VOCATIONAL EDUCATION
TEACHERS
IDENTIFIERS - CENTRAL MICHIGAN
UNIVERSITY

ABSTRACT - THE PURPOSE OF THIS
REPORT ON VOCATIONAL TEACHER
EDUCATION AT CENTRAL MICHIGAN
UNIVERSITY IS TO DESCRIBE
ACTIVITIES AND PRESENT INFORMATION
WHICH RELATES TO FUNDING OBTAINED
FROM THE MICHIGAN STATE DEPARTMENT
OF EDUCATION. THE MAJOR CONCERN WAS
THE DEVELOPMENT OF A COMPETENCY
BASED CURRICULUM WITH SETS OF
PERFORMANCE OBJECTIVES FOR: HOME
ECONOMICS, BUSINESS EDUCATION,
STENOGRAPHY, SHORTHAND DICTATION,
SHORTHAND DICTATION AND
TRANSCRIPTION, BEGINNING
TYPEWRITING, INTERMEDIATE
TYPEWRITING, ADVANCE TYPEWRITING,
AND INDUSTRIAL EDUCATION. INCLUDED
IN THE DOCUMENT ARE COURSE
DESCRIPTIONS, PROGRAM GOALS,
PERFORMANCE OBJECTIVES AND A
CHECKLIST OF DUTIES AND TASKS OF A
CONSUMER-HOMEMAKING TEACHER.
(AUTHOR/KB)

VT 101 565
CONSORTIUM FOR PLANNING,
DEVELOPING, AND IMPLEMENTING
EXPLORATORY INDUSTRIAL CAREER
DEVELOPMENT MODELS (PHASE I OF
THREE PHASES). INTERIM REPORT AND
PROPOSAL.

OREGON STATE UNIV., CORVALLIS.
OREGON STATE DEPT. OF EDUCATION,
SALEM. DIV. OF COMMUNITY COLLEGES
AND VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 30JUN74 221P.

DESCRIPTORS - *INDUSTRIAL
EDUCATION; *INDUSTRIAL ARTS;

SECONDARY EDUCATION; *VOCATIONAL
DEVELOPMENT; *CONSORTIA
IDENTIFIERS - OREGON; *CAREER
EXPLORATION

ABSTRACT - A CONSORTIUM OF FOUR
PUBLIC SCHOOL DISTRICTS IN OREGON
WAS FORMED TO DEVELOP CAREER
EXPLORATION THROUGH EXPLORATORY
INDUSTRIAL ARTS PROGRAMS. SELECTED
STAFF FROM EACH DISTRICT
PARTICIPATED IN MONTHLY INSERVICE
ACTIVITIES OF DECISION-MAKING
PROCESSING REGARDING HOW BEST TO
DEVELOP PROGRAM MODELS. FIVE
WRITTEN PROGRAM MODELS RESULTED.
ALL MODELS WERE COMPLETED WITH GOAL
STATEMENTS, COMPETENCIES AND COURSE
GOALS, AND PERFORMANCE INDICATORS.
PARTICIPATING DISTRICTS HAVE
COMMITTED STAFF AND FUNDS TOWARD
IMPLEMENTING THE PROGRAM MODELS
DURING THE NEXT SCHOOL YEAR. (MU)

VT 101 602
BASIC CONCEPTS IN NUMERICAL
CONTROL.

RUTGERS, THE STATE UNIV., NEW
BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF
EDUCATION, TRENTON. DIV. OF
VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG74 53P.

DESCRIPTORS - *STUDY GUIDES;
*NUMERICAL CONTROL; *MATHEMATICAL
APPLICATIONS; *INDUSTRIAL
EDUCATION; *MACHINE TOOLS;
PRODUCTION TECHNIQUES; AUTOMATION;
POST SECONDARY EDUCATION

ABSTRACT - THIS SUPPLEMENTARY TEXT
AND GUIDE FOR MACHINE TOOL CLASSES
IN AREA VOCATIONAL/TECHNICAL
SCHOOLS CONTAINS SIX UNITS OF BASIC
PRINCIPLES AND EXERCISES IN
NUMERICAL CONTROL. THE UNITS ARE
PRESENTED IN 17 LESSONS, EACH OF
WHICH CONTAINS A UNIT OBJECTIVE,
FACTUAL INFORMATION, A VOCABULARY
LIST, AN ASSIGNMENT, AND A TEST.
(MU)

VT 101 603
GRANT, GRANVILLE
TECHNIQUES IN INDIVIDUALIZED

INSTRUCTION.

WISCONSIN UNIV. - STOUT, MENOMONIE.
CENTER FOR VOCATIONAL, TECHNICAL
AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - MAY74 51P.

DESCRIPTORS - *INDIVIDUALIZED
INSTRUCTION; *INDIVIDUAL STUDY;
*TEACHING TECHNIQUES; *TEACHING
PROCEDURES; *VOCATIONAL EDUCATION

ABSTRACT - EIGHT TECHNIQUES IN
INDIVIDUALIZED INSTRUCTION ARE
DESCRIBED WHICH INCLUDE THE
FOLLOWING: (1) PROGRAM FOR LEARNING
IN ACCORDANCE WITH NEEDS (PLAN),
(2) INDIVIDUALLY PRESCRIBED
INSTRUCTION (IPI), (3) INDIVIDUALLY
GUIDED EDUCATION (IGE), (4)
INDIVIDUALIZED MATHEMATICS SYSTEM
(IMS), (5) COMPUTER IN EDUCATION
(PROGRAM LOGIC FOR AUTOMATED
TEACHING OPERATIONS AND COMPUTER
ASSISTED INSTRUCTION), (6) THE
DULUTH PLAN FOR INDIVIDUALIZATION,
(7) INDEPENDENT STUDY PROGRAMS, (A)
MIAMI SPRINGS PERSONALIZED
LEARNING, (B) HAWAII INDEPENDENT
STUDY PROGRAM, (C) LEARNING
ACTIVITY PACKAGE, AND (8)
SIMULATION AND GAMES. (AUTHOR/MU)

VT 101 606

DANIELSON, ROBERT
INDUSTRIAL EDUCATION CURRICULUM
DEVELOPMENT. INTERIM REPORT.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 125P.

DESCRIPTORS - *INDUSTRIAL
EDUCATION; *PERFORMANCE CONTRACTS;
*WORKSHEETS; *INSTRUCTIONAL
MATERIALS; *SHOP CURRICULUM;
PERFORMANCE CRITERIA

ABSTRACT - THIS DOCUMENT CONSISTS
OF SAMPLE LEARNING CONTRACTS, JOB
SHEETS, AND INSTRUCTIONAL PACKAGES
FOR CLASSES IN DRAFTING,
PHOTOGRAPHY, PRINTING, GRAPHICS,
SMALL ENGINES, AUTOMOTIVE POWER,
HYDRAULICS, CARPENTRY, AND
UPHOLSTERY. THE LEARNING CONTRACTS
CONTAIN TERMS OF AGREEMENT,
POSSIBLE GRADES, CREDITS,

DIRECTIONS TO THE STUDENTS
OBJECTIVES, REQUIREMENTS, AND
SIGNATURE LINES FOR STUDENT AND
ADVISOR. THE JOB SHEET CONTAINS
MATERIALS, TOOLS, PROCEDURES,
ASSIGNMENT, AND POSTTESTS.
INSTRUCTIONAL PACKAGES CONSIST OF
SUPPLEMENTARY TEXT MATERIAL FOR
SHOP PROCEDURES, A SELF-TEST AND AN
ANSWER SHEET. (MU)

VT 101 615

PIETERSE, CHARLES
WORLD OF WORK, VOLUME IV,
INDUSTRIOLOGY PLANBOOK. FINAL
REPORT.

CONTOOCCOOK VALLEY REGIONAL SCHOOL
DISTRICT, PETERBOROUGH, N.H.
BUREAU OF OCCUPATIONAL AND ADULT
EDUCATION (DHEW/OE), WASHINGTON,
D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUN73 210P.

DESCRIPTORS - *PERFORMANCE
CRITERIA; *LESSON PLANS;
*VOCATIONAL EDUCATION; *INDUSTRIAL
EDUCATION; HOME ECONOMICS
EDUCATION; HEALTH OCCUPATIONS;
BUSINESS EDUCATION; *DEVELOPMENTAL
PROGRAMS
IDENTIFIERS - NEW HAMPSHIRE; WORLD
OF WORK

ABSTRACT - THIS DOCUMENT CONSISTS
OF LESSON OUTLINES AND LISTS OF
PERFORMANCE CRITERIA FOR
INDUSTRIAL, HOME ECONOMICS, HEALTH,
AND BUSINESS OCCUPATIONS, AMONG
OTHERS. GRADES 7 AND 8 AS WELL AS
FIRST AND SECOND YEAR VOCATIONAL
GRADES ARE INCLUDED. NO TABLE OF
CONTENTS IS PROVIDED. (LJ)

VT 101 617

PIETERSE, CHARLES
WORLD OF WORK. VOLUME II. LEARNING
PACKETS. FINAL REPORT.

CONTOOCCOOK VALLEY REGIONAL SCHOOL
DISTRICT, PETERBOROUGH, N.H.
BUREAU OF OCCUPATIONAL AND ADULT
EDUCATION (DHEW/OE), WASHINGTON,
D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-70-5191(361)
PUB DATE - JUN73 220P.

DESCRIPTORS - *LEARNING ACTIVITIES;
 *INDUSTRIAL EDUCATION; PAPER
 (MATERIAL); HANDICRAFTS; MARINE
 BIOLOGY; HOME ECONOMICS EDUCATION;
 GRADE 7; GRADE 8; *DEVELOPMENTAL
 PROGRAMS
 IDENTIFIERS - NEW HAMPSHIRE;
 LEATHERCRAFT; WORLD WORK

ABSTRACT - THIS FINAL REPORT
 CONSISTS OF FOUR LEARNING PACKETS
 DESIGNED AS PART OF AN
 INDUSTRIALOGY PROGRAM IN NEW
 HAMPSHIRE. THE UNIT ON PAPERMAKING
 FOR GRADES 7 AND 8 INCLUDES
 SECTIONS ON HOW PAPER IS MADE,
 RECYCLING PAPER PRODUCTS, AND AIR
 AND WATER POLLUTION. BY WORKING
 THROUGH THE LEATHERCRAFT UNIT,
 STUDENTS ARE INTRODUCED TO THE
 VARIOUS TOOLS OF THE TRADE. THE
 OCEANOGRAPHY UNIT STRESSES MARINE
 BIOLOGY WITH ECOLOGY AS A FOCAL
 POINT. THE INTRODUCTION TO HOME
 ECONOMICS FOR GRADES 7 AND 8 IS
 INTENDED TO DEVELOP STUDENT
 AWARENESS IN SEVERAL AREAS AS WELL
 AS TO DEVELOP BUSINESS EXPERIENCE
 AND CONTACTS BY CONTROLLING AND
 OPERATING A BUSINESS. (LJ)

VT 101 631

JOYNER, NINA GLENN
 FURNITURE REFINISHING AT HOME,
 REVISED EDITION.

DOCUMENT NOT AVAILABLE IN VT-ERIC
 SET.
 PUB DATE - 01APR75 137P.

DESCRIPTORS - *ADULT DEVELOPMENT;
 ADULTS; *HOME FURNISHINGS;
 *FURNITURE; RESOURCE MATERIALS

ABSTRACT - COMMERCIALY PUBLISHED
 FOR THE ADULT MARKET, THIS HOW-TO-
 DO-IT TEXT GIVES PRACTICAL ADVICE
 ON WORKING WITH COUNTRY ANTIQUES
 AND OLD FURNITURE FOR THE MODERN
 HOMEMAKER. WHAT AND WHERE TO BUY;
 WHEN TO REFINISH, PAINT, OR
 DISCARD; HOW TO SET UP A WORK AREA
 AT HOME; AND HOW TO IDENTIFY AND
 CARE FOR ANTIQUES ARE DISCUSSED. A
 STEP-BY-STEP EXPLANATION IS GIVEN
 ON REFINISHING A PIECE OF
 FURNITURE. SEPARATE CHAPTERS DEAL

WITH BRASS AND IRON, MOSAIC,
 PICTURE FRAMES AND SMALL FURNITURE,
 LAMPS AND ACCESSORIES, AND CHAIRS.
 (MU)

VT 101 666

MALLOW, LEW; MUNGER, RALPH
 RESEARCH OF AFFECT OF VISUAL
 MATERIALS IN MANUFACTURING PROCESS
 ON LEARNING. FINAL REPORT.

DISTRICT 1 TECHNICAL INST., EAU
 CLAIRE, WIS.
 WISCONSIN STATE BOARD OF
 VOCATIONAL, TECHNICAL, AND ADULT
 EDUCATION, MADISON.; BUREAU OF
 OCCUPATIONAL AND ADULT EDUCATION
 (DHEW/OE), WASHINGTON, D.C.
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - AUG74 39P.

DESCRIPTORS - *TEACHER DEVELOPED
 MATERIALS; *INDUSTRIAL EDUCATION;
 FILM PRODUCTION; SLIDES;
 PHOTOGRAPHS; MANUFACTURING
 INDUSTRY; *SCHOOL INDUSTRY
 RELATIONSHIP; VOCATIONAL EDUCATION
 IDENTIFIERS - DISTRICT ONE
 TECHNICAL SCHOOL; WISCONSIN

ABSTRACT - TO ASSESS THE EFFECTS OF
 VISUAL MATERIALS ON LEARNING, THE
 PROJECT TEAM VISITED 16
 MANUFACTURING PLANTS IN BELOIT,
 MILWAUKEE, AND MENOMONIE FALLS,
 WISCONSIN, PHOTOGRAPHING A VARIETY
 OF MACHINES AND PROCESSES. THE
 MATERIALS WERE USED IN CLASSROOM
 PRESENTATIONS AT THE DISTRICT ONE
 TECHNICAL INSTITUTE, EAU CLAIRE,
 WITH STUDENT STUDY GUIDES AND
 EVALUATION SHEETS, FOLLOWED BY
 CLASSROOM TESTING OF GROUPS HAVING
 USED THE SLIDES. RESULTS INCLUDED
 CLOSER TIES WITH INDUSTRY FOR A
 POSITIVE IMAGE FOR VOCATIONAL
 EDUCATION IN THE FIRMS VISITED,
 OFFERS BY FIRM PERSONNEL TO VISIT
 THE SCHOOL FOR TECHNICAL
 PRESENTATIONS, AND AN INTEREST BY
 THE FIRMS VISITED IN THE STUDENTS
 AS FUTURE EMPLOYEES. (MU)

VT 101 801

PROJECT REAL: RELEVANT EDUCATION,
 ACTIVITY CENTERED LEARNING.
 EXPLORING THE WORLD OF CAREERS,
 GRADES 7 & 8. SUPPLEMENT TO

TEACHERS' GUIDE; INSTRUCTIONAL UNITS.

NEWPORT INDEPENDENT SCHOOL DISTRICT, KY.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 24P.

DESCRIPTORS - *ACTIVITY UNITS;
*CAREERS; *GRADE 7; *GRADE 8;
TEACHING GUIDES
IDENTIFIERS - PROJECT REAL;
NEWPORT; KENTUCKY

ABSTRACT - THIS TEACHERS' GUIDE SUPPLEMENT PRESENTS SUBJECT AREA UNITS IN SEVEN OCCUPATIONAL CLUSTERS: COMMUNICATIONS AND MEDIA OCCUPATIONS - ENGLISH; TRANSPORTATION - SOCIAL STUDIES; BUSINESS AND OFFICE OCCUPATIONS - ENGLISH (BUSINESS LETTERS); FINE ARTS AND HUMANITIES - ENGLISH; CONSUMER AND HOMEMAKING RELATED OCCUPATIONS - HOME ECONOMICS; HOSPITALITY AND RECREATION OCCUPATIONS - LANGUAGE ARTS; HEALTH OCCUPATIONS - HEALTH ILLUSTRATIONS (ART); AND AGRIBUSINESS AND NATURAL RESOURCES - SCIENCE. EACH UNIT INCLUDES AIM, CONCEPTS, BEHAVIORAL OBJECTIVES, ACTIVITIES AND MATERIALS, EVALUATION, SUGGESTED RESOURCE PEOPLE AND FIELD TRIPS, AND BIBLIOGRAPHY. (MF)

VT 101 811
BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.

BOWLING GREEN INDEPENDENT SCHOOL DISTRICT, KY.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 109P.

DESCRIPTORS - *MANUALS; *CAREER EDUCATION; *PROGRAM DEVELOPMENT; *EDUCATIONAL PROGRAMS; TEACHING GUIDES; ADMINISTRATOR GUIDES; COUNSELOR FUNCTIONS; *RESOURCE UNITS
IDENTIFIERS - *BOWLING GREEN; KENTUCKY

ABSTRACT - THE SUBSTANCE OF THIS MANUAL CENTERS ON THE DESIGN, DEVELOPMENT, AND IMPLEMENTATION OF CAREER EDUCATION INTO THE EDUCATIONAL PROGRAMS OF BOWLING GREEN, KENTUCKY. IT IS BASED ON THE EFFORTS AND EXPERIENCES OF THE BOWLING GREEN STAFF THROUGH A THREE-YEAR DEVELOPMENTAL PROCESS INVOLVING EVERY TEACHER, GUIDANCE COUNSELOR, AND ADMINISTRATOR. SECTIONS INCLUDE CAREER EDUCATION ELEMENTS, ORGANIZATION, JOB CLUSTERS, UNIT WRITING, ELEMENTARY LEVEL, JUNIOR HIGH UNITS, AND HIGH SCHOOL ACADEMIC PROGRAM. THE APPENDIX CONTAINS SURVEY FORMS, HIGH SCHOOL PROGRAMS OF STUDY, AND BIBLIOGRAPHY. (MF)

VT 101 819
CATALOG OF COURSES. TRAINING POLICIES AND PROCEDURES. ANNUAL SURVEY OF TRAINING NEEDS. IN-HOUSE, INTERAGENCY AND NON-GOVERNMENT COURSES.

BUREAU OF RECLAMATION (DEPT. OF INTERIOR), DENVER, COLO.
ENGINEERING AND RESEARCH CENTER.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JAN73 66P.

DESCRIPTORS - *JOB TRAINING;
*GOVERNMENT EMPLOYEES; FEDERAL GOVERNMENT; *COURSE DESCRIPTIONS; CATALOGS; *INSERVICE PROGRAMS; *OFF THE JOB TRAINING; EXTENSION EDUCATION; PERSONNEL POLICY

ABSTRACT - THE GOVERNMENT EMPLOYEES TRAINING ACT PROVIDES FOR GOVERNMENT-PAID, ON GOVERNMENT TIME, TRAINING FOR FEDERAL EMPLOYEES -- INSERVICE, INTERAGENCY, OR NON-GOVERNMENT. THIS DOCUMENT DESCRIBES THE TYPE OF TRAINING AVAILABLE FOR EMPLOYEES OF THE ENGINEERING AND RESEARCH CENTER OF THE BUREAU OF RECLAMATION AT DENVER. SECTION I PRESENTS THE TRAINING ACTIVITIES GUIDE AND TRAINING POLICIES AND PROCEDURES. SECTION II GIVES MANAGEMENT PROCEDURES FOR CONDUCTING THE 1973 ANNUAL SURVEY OF TRAINING NEEDS. ENROLLMENT PROCEDURES AND TRAINING RECORD ARE IN SECTION III. SECTIONS

IV AND V SUPPLY COURSE INFORMATION IN NINE CATEGORIES: SUPERVISORY AND MANAGEMENT; TECHNICAL, SCIENTIFIC, AND PROFESSIONAL; COMMUNICATION SKILLS; CLERICAL AND OFFICE; TRADES AND CRAFTS; SAFETY MANAGEMENT; FIRST AID, LIFESAVING, ETC.; ORIENTATION; AND OTHER. MOST OF THE TRAINING PARTICIPATED IN BY EMPLOYEES OF THE DENVER CENTER FALL INTO THE FIRST THREE CATEGORIES. (MF)

VT 101 822

CAMPBELL, ROBERT A.
A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.

FOREST SERVICE (DOA), ASHEVILLE, N.C. SOUTHEASTERN FOREST EXPERIMENT STATION.

MF AVAILABLE IN VT-ERIC SET.
STATION-PAPER-156
PUB DATE - 73 26P.; REPRINTED BY MISSISSIPPI STATE UNIVERSITY RESEARCH AND CURRICULUM UNIT FOR VOCATIONAL AND TECHNICAL EDUCATION.

DESCRIPTORS - *TREES; *GRADING; *GUIDES; DISEASES; INJURIES; *LUMBER INDUSTRY; *SOUTHERN STATES

ABSTRACT - THE MEASURE OF QUALITY OF A LOG OR TREE IS DEPENDENT ON THE PRODUCTS IT WILL YIELD. FOR EXAMPLE, LUMBER IS GREATLY AFFECTED BY SUCH GROSS CHARACTERISTICS OF THE TREE AS LIMBS, KNOTS, CONKS, SWEEP, SCARS, ETC. THIS GUIDE WAS PREPARED AS A HELP IN UNDERSTANDING THESE CHARACTERISTICS AND THEIR EFFECT ON THE TYPE OF LUMBER PRODUCED FROM SOUTHERN PINE LOGS. THESE LOG GRADES WERE DEVELOPED DURING 15 YEARS OF STUDY AND HAVE BEEN APPROVED FOR FOREST SERVICE USE. THE GUIDE IS SUPPLEMENTAL TO THE GRADING SYSTEM AND IS INTENDED AS AN AID TO THE APPLICATION AND USE OF THE LOG GRADES. THE ONLY END PRODUCT TO WHICH THE LOG GRADES AND THIS GUIDE APPLY IS LUMBER IN THE STANDARD GRADES AND SIZES AS DEFINED BY THE SOUTHERN PINE INSPECTION BUREAU. (MF)

VT 101 964

FRANTZ, NEVIN, AND OTHERS

CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA.; GEORGIA UNIV., ATHENS. DIV. OF VOCATIONAL EDUCATION. BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
OEC-0-73-6370
PUB DATE - 30JUN72 90P.

DESCRIPTORS - *CURRICULUM GUIDES; *INDUSTRIAL EDUCATION; *GRADE 8; *CAREER EDUCATION; COMMUNICATIONS; CONSTRUCTION INDUSTRY; MANUFACTURING INDUSTRY; TRANSPORTATION; INSTRUCTIONAL MATERIALS
IDENTIFIERS - *CAREER EXPLORATION; GEORGIA

ABSTRACT - THE CAREER EXPLORATION PROGRAM IN GEORGIA WAS DEVELOPED TO PROVIDE ADOLESCENT YOUTH WITH THE KNOWLEDGE AND EXPERIENCES THAT ENABLE THEM TO BE AWARE OF VARIOUS CAREER OPPORTUNITIES AND DEVELOP TENTATIVE PLANS TO ACCOMPLISH CAREER GOALS. THIS INSTRUCTIONAL UNIT CONSISTS OF MINI-COURSES IN FOUR AREAS RELATED TO INDUSTRIAL ARTS. THE FOUR OCCUPATIONAL AREAS ARE: (1) COMMUNICATION, (2) CONSTRUCTION, (3) MANUFACTURING, AND (4) TRANSPORTATION. FOR EACH MINI-COURSE, OBJECTIVES, LEARNING EXPERIENCES, INSTRUCTIONAL RESOURCES, AND SUGGESTED EVALUATIONS ARE LISTED. (VA)

VT 101 980

LEARNING EXPERIENCES IN TECHNOLOGY. BOOK I FOR GRADES K-2.

ROYAL OAK SCHOOL DISTRICT, MICH. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - JUN73 433P.; SEE RELATED DOCUMENTS VT 101 981 AND 101 982.

DESCRIPTORS - *CAREER AWARENESS; *TEACHING GUIDES; *KINDERGARTEN;

*GRADE 1; *GRADE 2; INSTRUCTIONAL MATERIALS; TECHNOLOGY; ELEMENTARY SCHOOL CURRICULUM; LEARNING ACTIVITIES IDENTIFIERS - ROYAL OAK; MICHIGAN; PROJECT LET

ABSTRACT - THIS GUIDE IS INTENDED TO BE USED AS A WORKING COPY WHICH WILL BE REVISED AT THE END OF THE 1973-74 SCHOOL YEAR. THE GUIDE CONSISTS OF 28 INTEGRATED TEACHING UNITS FOR GRADE K-2 STUDENTS. THE DURATION OF EACH TEACHING UNIT VARIES TO ALLOW FOR FLEXIBILITY, INDIVIDUALITY, CREATIVITY, AND FULFILLMENT OF THE NEEDS AND INTERESTS OF EACH CHILD. EACH UNIT INVOLVES FROM EXISTING ELEMENTARY CURRICULUM AND INCLUDES THE FOLLOWING COMPONENTS: (1) GENERAL OVERVIEW, (2) TEACHING/LEARNING RESOURCES, (3) CONCEPTS, (4) BEHAVIORAL OBJECTIVES, (5) METHODS OF IMPLEMENTATION, (6) RESOURCE PEOPLE AND MATERIALS, AND (7) STUDENT ACTIVITIES. INHERENT IN EACH COMPONENT IS AN AWARENESS OF CAREERS AND THE WAY MAN DOES THINGS. (AUTHOR/VA)

VT 101 981
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK II FOR GRADES 3 AND 4.

ROYAL OAK SCHOOL DISTRICT, MICH. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2. PUB DATE - JUN73 398P.; SEE RELATED DOCUMENTS VT 101 980 AND VT 101 982.

DESCRIPTORS - *CAREER AWARENESS; *GRADE 3; *GRADE 4; *TEACHING GUIDES; INSTRUCTIONAL MATERIALS; LEARNING ACTIVITIES; ELEMENTARY SCHOOL CURRICULUM; TECHNOLOGY IDENTIFIERS - ROYAL OAK; MICHIGAN; PROJECT LET

ABSTRACT - CAREER INFORMATION IS BUILT INTO EACH COMPONENT OF THIS TEACHING GUIDE CONSISTING OF 24 UNITS DESIGNED TO ENHANCE CAREER AWARENESS IN GRADE 3-4 STUDENTS. THE GUIDE IS INTENDED TO BE USED AS A WORKING DRAFT WHICH WILL BE REVISED AT THE END OF THE 1973-74

SCHOOL YEAR. EXISTING ELEMENTARY CURRICULUM PROVIDED THE BASIS FOR THE DEVELOPMENT OF THE GUIDE. STUDENT INVOLVEMENT AND IDEAS AS WELL AS TEACHER INPUTS WERE ALSO UTILIZED. EACH UNIT INCLUDES THE FOLLOWING COMPONENTS: (1) GENERAL OVERVIEW, (2) TEACHING/LEARNING RESOURCES, (3) CONCEPTS, (4) BEHAVIORAL OBJECTIVES, (5) METHODS OF IMPLEMENTATION, (6) RESOURCE PEOPLE AND MATERIALS, AND (7) STUDENT ACTIVITIES. (AUTHOR/VA)

VT 101 982
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK III FOR GRADES 5 AND 6.

ROYAL OAK SCHOOL DISTRICT, MICH. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2. PUB DATE - JUN73 323P.; SEE RELATED DOCUMENTS VT 101 980 AND VT 101 981.

DESCRIPTORS - *CAREER AWARENESS; *GRADE 5; *GRADE 6; *TEACHING GUIDES; INSTRUCTIONAL MATERIALS; TECHNOLOGY; ELEMENTARY SCHOOL CURRICULUM; LEARNING ACTIVITIES IDENTIFIERS - ROYAL OAK; MICHIGAN; PROJECT LET

ABSTRACT - THE OPPORTUNITY FOR GRADE 5-6 STUDENTS TO EXPLORE CAREERS AND TECHNOLOGY IS PROVIDED BY THIS TEACHING GUIDE. INHERENT IN EACH COMPONENT IS AN AWARENESS OF CAREERS AND THE WAY MAN DOES THINGS. THE GUIDE IS INTENDED TO BE USED AS A WORKING COPY FOR PROFESSIONAL STAFF. THE INTEGRATED TEACHING UNITS ARE EVOLUTIONARY IN NATURE AS THEY ARE DEVELOPED FROM THE CURRICULUM, UTILIZING STUDENT INVOLVEMENT AND IDEAS. THE UNITS ARE CONTINUALLY BEING IMPLEMENTED, EVALUATED, AND REVISED BY THE CLASSROOM TEACHER. (AUTHOR/VA)

VT 102 010
BIBLIOGRAPHY ON CAREER EDUCATION.

BRIDGEPORT BOARD OF EDUCATION, CONN. BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
 OEG-0-71-0679(361)
 PUB DATE - JUN73 23P.; SEE RELATED DOCUMENTS VT 102 011, VT 102 154, VT 102 155 AND VT 102 012 IN THIS ISSUE.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *CAREER EDUCATION; *AUDIOVISUAL AIDS; FILMSTRIPS; PHOTOGRAPH RECORDS; FILMS; EDUCATIONAL GAMES; TAPE RECORDINGS IDENTIFIERS - BRIDGEPORT; CONNECTICUT

ABSTRACT - A RESEARCH BIBLIOGRAPHY FOR USE BY PERSONS INVOLVED IN IMPLEMENTING CAREER EDUCATION CONCEPTS, THIS DOCUMENT CONTAINS ALL OF THE COMMERCIALY PRODUCED MULTIMEDIA USED BY PROJECT BACE WHICH IS CONNECTICUT'S EXEMPLARY PROJECT IN CAREER EDUCATION. THE RESOURCES LISTED INCLUDE BOOKS, FILMSTRIPS, RECORDS, CASSETTES, AND FILMS, WHICH ARE COMMERCIALY PRODUCED. THE LISTED ITEMS ARE ALL ANNOTATED AND INCLUDE GRADE LEVEL AND COMMERCIAL PRODUCER.
 (AUTHOR/VA)

VT 102 012
 CAREER EDUCATION STUDY UNIT.
 BRIDGEPORT'S EXEMPLARY PROJECT IN CAREER EDUCATION 1973-1974.

BRIDGEPORT BOARD OF EDUCATION,
 CONN.
 BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE),
 WASHINGTON, D.C.
 MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
 OEG-0-71-0679(361)
 PUB DATE - ND 138P.; SEE RELATED DOCUMENTS VT 102 010, VT 102 011, VT 102 154 AND VT 102 155 IN THIS ISSUE.

DESCRIPTORS - *CAREER EDUCATION; DEVELOPMENTAL PROGRAMS; CURRICULUM; ELEMENTARY GRADES; GRADE 7; GRADE 8; *TEACHING GUIDES IDENTIFIERS - BRIDGEPORT; CONNECTICUT; CAREER EXPLORATION

ABSTRACT - THIS STUDY UNIT IS

INTENDED FOR USE BY TEACHERS IN AN EXEMPLARY PROJECT IN CAREER EDUCATION IN BRIDGEPORT, CONNECTICUT FOR THE SCHOOL YEAR 1973-1974. IT CONSISTS OF THREE COMPLETE UNITS EACH FOR THE KINDERGARTEN THROUGH GRADE 8 LEVELS WITH FIVE CAREER CLUSTERS IDENTIFIED FOR GRADES 6, 7, AND 8. THE UNITS FOR USE AT THE KINDERGARTEN LEVEL FOCUS ON PARENTS AND WORK -- IN THE HOME, OUTSIDE THE HOME, AND VOLUNTEER WORK. GRADES 1 AND 2 STUDY JOBS IN SCHOOL AND COMMUNITY. THE UNITS FOR GRADES 3 AND 4 CENTER AROUND OCCUPATIONS IN LOCAL AND STATE GOVERNMENT, COMMUNICATIONS IN BRIDGEPORT, AND MANUFACTURING IN CONNECTICUT. SOME OF THE UNIT TOPICS FOR GRADES 5 THROUGH 8 ARE: TRANSPORTATION, MANUFACTURING, MARINE SCIENCE, HOSPITALITY AND RECREATION, MARKETING AND DISTRIBUTION, AND ENVIRONMENT. EACH UNIT INCLUDES ITS GOALS, BEHAVIORAL OBJECTIVES, AND ACTIVITIES. MANY ALSO INCLUDE SAMPLE TESTS, MATERIALS AND RESOURCES, AND BIBLIOGRAPHIES. SHORT CAREER EXPLORATORY COURSES IN COSMETOLOGY, HORTICULTURE, AND MUSICAL INSTRUMENT REPAIR ARE ALSO OUTLINED. (NJ)

VT 102 100
 THE CAREER PLAN PROCESS. A CURRICULUM MODEL FOR ORIENTATION TO THE INDUSTRIAL RELATED OCCUPATIONS FOR GRADES NINE AND TEN.

SOUTHERN ILLINOIS UNIV.,
 CARBONDALE. DEPT. OF OCCUPATIONAL EDUCATION.
 ILLINOIS STATE OFFICE OF THE SUPERINTENDENT OF PUBLIC INSTRUCTION, SPRINGFIELD. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION. DOCUMENT NOT AVAILABLE IN MF OR HC.
 PUB DATE - 73 141P.

DESCRIPTORS - GRADE 9; GRADE 10; *INSTRUCTIONAL MATERIALS; *CURRICULUM DEVELOPMENT; CURRICULUM RESEARCH; TEACHING GUIDES; CAREER EDUCATION; *INDUSTRIAL ARTS IDENTIFIERS - CAREER ORIENTATION; CAREER EXPLORATION

ABSTRACT - THIS DOCUMENT, WHOSE PAGES ARE NOT NUMBERED, REPORTS THAT THE CULMINATION OF THE INDUSTRIAL CLUSTER'S 12-MONTH RESEARCH GRANT WAS THE CAREER PLAN PROCESS MODEL. THIS PROCESS ORIENTED MODEL IS A VEHICLE TO FACILITATE OCCUPATIONAL ORIENTATION AND EXPLORATION AND CONSISTS OF A SELF-DIRECTED EXPLORATION OF A WIDE RANGE OF INDUSTRIAL OCCUPATIONS. THIS DOCUMENT PRESENTS INFORMATION ABOUT THE PROJECT, INCLUDING PROGRAM NARRATIVE, TIME TABLE, PARTICIPANTS, AND RESOURCE PERSONS. EVALUATIVE DATA AND THE RESEARCH BASE ARE ALSO PRESENTED. THE MATERIALS DEVELOPED SECTION BEGINS WITH A CAREER PLANNING GUIDE FOR INDUSTRIAL RELATED OCCUPATIONS AT THE GRADE 9 LEVEL. (LJ)

VT 102 104
MOON, DONALD E.

A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.

AMERICAN COUNCIL ON INDUSTRIAL ARTS TEACHER EDUCATION, WASHINGTON, D.C. DOCUMENT NOT AVAILABLE IN MF OR HC. MCKNIGHT PUBLISHING CO., BLOOMINGTON, ILL. 61701
PUB DATE - 75 184P.

DESCRIPTORS - *FACILITY PLANNING; *INDUSTRIAL EDUCATION; INDUSTRIAL ARTS; *YEARBOOKS; *GUIDES

ABSTRACT - THE PURPOSE OF THIS YEARBOOK IS TO PROVIDE GUIDELINES FOR THE INDUSTRIAL ARTS FACILITY PLANNER. THE YEARBOOK PROVIDES A DISCUSSION OF THE TERMINOLOGY, STATUS, AND TRENDS RELEVANT TO INDUSTRIAL ARTS EDUCATION; A SEQUENTIAL DEVELOPMENT SYSTEM FOR THE PLANNING OF INDUSTRIAL ARTS FACILITIES; THE PRINCIPLES RELATIVE TO THE PLANNING OF FACILITIES; THE PLANNING FOR EFFECTIVE MANAGEMENT AND ORGANIZATION OF INDUSTRIAL ARTS FACILITIES; AND THE FACILITY NEEDS TO IMPLEMENT SOME OF THE INNOVATIVE INDUSTRIAL EDUCATION PROGRAMS THAT HAVE COME ABOUT IN THE PAST TWO DECADES. IN THE APPENDIX, CHECK LIST FORMS ARE PROVIDED TO HELP THE

PLANNER TO DETERMINE THE PROGRAM REQUIREMENTS, TO EVALUATE THE FACILITY, AND TO SYSTEMATICALLY ANALYZE THE SAFETY CONDITIONS OF THE FACILITIES. (AUTHOR)

VT 102 114

DAY, GERALD F.

A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT AND LINE PRODUCTION.

MARYLAND UNIV., COLLEGE PARK. DEPT. OF INDUSTRIAL EDUCATION. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2. PUB DATE - 75 71P.

DESCRIPTORS - *RESOURCE GUIDES; *MANAGEMENT GAMES; *INDUSTRIAL EDUCATION; ORGANIZATION; GRADE 8; ROLE PLAYING; SIMULATION
IDENTIFIERS - *MARYLAND PLAN

ABSTRACT - THIS GUIDE WAS DEVELOPED TO AID TEACHERS IN THE USE OF THE MARYLAND PLAN'S GROUP PROCESSES, THE GROUP PROJECT AND LINE PRODUCTION METHODS. THE MARYLAND PLAN IS A JUNIOR HIGH SCHOOL INDUSTRIAL ARTS PROGRAM WHICH PROVIDES A THEORETICAL AND PRACTICAL UNDERSTANDING OF THE ROLE OF INDUSTRY AND TECHNOLOGY IN OUR SOCIETY. THE EIGHTH GRADE PROGRAM FOCUSES ON A CONTEMPORARY APPROACH TO THE STUDY OF AMERICAN INDUSTRY THROUGH TWO GROUP PROCESSES. THE PRIMARY USE OF THIS GUIDE IS TO AID THE TEACHER IN EVALUATING AND UNDERSTANDING HOW INDUSTRIAL MANAGEMENT TECHNIQUES CAN BE USED BY THE STUDENTS IN AN EDUCATIONAL SETTING. THE GUIDE IS DIVIDED INTO FOUR SECTIONS. THE FIRST SECTION IS AN OVERVIEW OF THE ENTIRE MARYLAND PLAN. THE SECOND SECTION CONTAINS INFORMATION ABOUT AND EXAMPLES OF INDUSTRIAL ORGANIZATION CHARTS. JOB DESCRIPTIONS AND RELATED INFORMATION ARE CONTAINED IN THE NEXT SECTION. INFORMATION ABOUT INDUSTRIAL FORMS AND MATERIALS ARE INCLUDED IN THE LAST SECTION. IN THE GROUP PROJECT METHOD, THE CLASS ESTABLISHES A COMPANY AND EACH STUDENT SELECTS A POSITION TO ROLE PLAY. STAFF MEETINGS, SPECIAL

MEETINGS, AND PRESENTATIONS PLAY IMPORTANT PARTS IN THIS GROUP PROCESS. WITH THE LINE PRODUCTION METHOD, THE CLASS SELECTS A PRODUCT AND ORGANIZES A COMPANY WITH A MANAGEMENT STRUCTURE BASED ON HIGH-VOLUME PRODUCTION INDUSTRIES. THIS GUIDE SHOULD BE USED TO SUPPLEMENT DONALD MALEY'S BOOK, THE MARYLAND PLAN: THE STUDY OF INDUSTRY AND TECHNOLOGY IN THE JUNIOR HIGH SCHOOL. (AUTHOR/NJ)

VT 102 260
CAREERS IN TECHNOLOGY.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C. DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #C08, \$6.00 EA.)
PUB DATE - 74 82P.

DESCRIPTORS - *CAREER AWARENESS; GRADE 2; GRADE 3; GRADE 4; INTEGRATED CURRICULUM; *TEACHING GUIDES; SOCIAL STUDIES; MATHEMATICS; *TECHNOLOGY

ABSTRACT - THE BASIC PURPOSE OF THIS TEACHER'S GUIDE IS TO ACQUAINT STUDENTS AT THE PRIMARY LEVEL WITH THE VARIETY OF JOBS IN THE FIELD OF TECHNOLOGY. THE FIELD OF TECHNOLOGY ENCOMPASSES ALL WORK WHICH USES MACHINES TO SUPPLY THE NEEDS OF PEOPLE. THE TOPICS COVERED INCLUDE: SIMPLE MACHINES; TECHNOLOGICAL JOBS IN THE COMMUNITY; USING MEASUREMENT ACCURATELY; TOOLS USED FOR MEASUREMENT; PREPARATION RELATED TO TECHNOLOGICAL JOBS; THE USE OF MATHEMATICS IN TECHNOLOGICAL JOBS; JOB SPECIALIZATION AND THE ASSEMBLY LINE; A VISIT TO A TECHNOLOGICAL SITE; AND WORKING CONDITIONS. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

VT 102 261
WORKING WITH TREES.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C. DOCUMENT NOT AVAILABLE IN MF OR HC. CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER #C12, \$6.00 EA.)
PUB DATE - 74 117P.

DESCRIPTORS - *TREES; FORESTRY; CONSERVATION (ENVIRONMENT); ENVIRONMENTAL EDUCATION; GRADE 3; GRADE 4; *TEACHING GUIDES; *CAREER AWARENESS; INTEGRATED CURRICULUM; SCIENCES; ART; MUSIC; LANGUAGE ARTS; SOCIAL STUDIES

ABSTRACT - THE LEARNING EXPERIENCES IN THIS TEACHER'S GUIDE ARE DESIGNED TO AID PRIMARY STUDENTS IN DEVELOPING AN AWARENESS OF THE PERSONAL AND SOCIAL VALUE OF WORK AND OF THE VARIETY OF TREE-RELATED OCCUPATIONS. THE RELATIONSHIP BETWEEN TREES AND THE PEOPLE WHO WORK WITH THEM IS PRESENTED IN A MANNER THAT ENCOURAGES AN UNDERSTANDING OF BOTH THE VALUE OF TREES TO MAN AND THE SATISFACTION OF WORKING WITH THEM. STUDENTS LEARN ABOUT TREES AND THEIR ROLE IN THE NATURAL ENVIRONMENT, THE RESOURCES THEY PROVIDE, AND WAYS TO CONSERVE THEM. SUBJECT AREAS FOR WHICH THE MATERIALS IN THIS GUIDE HAVE POTENTIAL ARE SCIENCE, ART, MUSIC, LANGUAGE ARTS, AND SOCIAL STUDIES. EACH SET OF LEARNING EXPERIENCES CONTAINS A STUDENT OBJECTIVE, SET OVERVIEW, RESOURCE LIST, TEACHER-PREPARATION TASKS, LEARNING ACTIVITIES, AND SUGGESTIONS FOR EVALUATION-SUMMARY ACTIVITIES. (AUTHOR/NJ)

VT 102 268
MAKING TOYS THROUGH TEAMWORK.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C. DOCUMENT NOT AVAILABLE IN MF OR HC.

CENTER FOR VOCATIONAL EDUCATION,
OHIO STATE UNIVERSITY, 1960 KENNY
ROAD, COLUMBUS, OHIO 43210. (ORDER
#C10, \$8.00 EA.)
PUB DATE - 74 123P.

DESCRIPTORS - *TEACHING GUIDES;
*INTERMEDIATE GRADES; MASS
PRODUCTION; *CAREER AWARENESS;
*WOODWORKING; INTEGRATED
CURRICULUM; LEARNING ACTIVITIES;
*TOYS

ABSTRACT - THIS GUIDE IS DESIGNED
TO ENGAGE INTERMEDIATE LEVEL
STUDENTS IN LEARNING EXPERIENCES
INTENDED TO ACQUAINT THEM WITH WOOD
CONSTRUCTION AND MASS PRODUCTION.
IN ADDITION TO DEVELOPING CARPENTRY
SKILLS, STUDENTS LEARN THE SAFE USE
OF TOOLS, EQUIPMENT, AND MATERIALS.
WHILE SIMULATING A TOY COMPANY,
THEY INDUCTIVELY DEVELOP PROCESSES
FOR THE MASS PRODUCTION OF TOY
BOATS AND APPLY MARKETING
PRINCIPLES. IN ADDITION, THEY LEARN
GENERAL WORK-RELATED SKILLS AND
UNDERSTANDING THAT CONCERN TASK
PLANNING, INTERPERSONAL RELATIONS,
INDIVIDUAL AND GROUP WORK METHODS,
APPLIED MATHEMATICS, AND
DECISIONMAKING. SUBJECT AREAS FOR
WHICH THE MATERIALS IN THIS GUIDE
HAVE POTENTIAL INCLUDE ART, SOCIAL
STUDIES, LANGUAGE ARTS, AND MATH.
EACH SET OF LEARNING EXPERIENCES
CONTAINS A STUDENT OBJECTIVE, SET
OVERVIEW, RESOURCE LIST, TEACHER-
PREPARATION TASKS, LEARNING
ACTIVITIES, AND SUGGESTIONS FOR
EVALUATION-SUMMARY ACTIVITIES.
(AUTHOR/NJ)

VT 102 344

METRIC EDUCATION. AN ANNOTATED
BIBLIOGRAPHY FOR VOCATIONAL,
TECHNICAL AND ADULT EDUCATION.
BIBLIOGRAPHY SERIES NO. 26.

OHIO STATE UNIV., COLUMBUS. CENTER
FOR VOCATIONAL EDUCATION.
BUREAU OF OCCUPATIONAL AND ADULT
EDUCATION (DHEW/OE), WASHINGTON,
D.C.

MF AND HC AVAILABILITY WILL BE
ANNOUNCED IN VOL. 9, NO. 3.

DEC-0-74-9335

CENTER FOR VOCATIONAL EDUCATION,

OHIO STATE UNIVERSITY, 1960 KENNY
ROAD, COLUMBUS, OHIO 43210. (ORDER
#BB26, \$10.00 EA.)
PUB DATE - 74 156P.; RELATED
DOCUMENT VT 102 227 IN THIS ISSUE.

DESCRIPTORS - *ANNOTATED
BIBLIOGRAPHIES; *METRIC SYSTEM;
*VOCATIONAL EDUCATION; *REFERENCE
MATERIALS

ABSTRACT - THIS ANNOTATED
BIBLIOGRAPHY IS DESIGNED TO ASSIST
VOCATIONAL, TECHNICAL, AND ADULT
EDUCATION TEACHERS AND OTHERS
LOCATE AVAILABLE MATERIALS ON
METRIC EDUCATION. EACH CITED ITEM
IS AVAILABLE FROM A SUPPLIER OR AN
INFORMATION SYSTEM. IT IS ORGANIZED
INTO THREE SECTIONS: INSTRUCTIONAL
MATERIALS, REFERENCE MATERIALS AND
RESOURCE LISTS. THE INSTRUCTIONAL
MATERIALS SECTION IS ORGANIZED BY
MATERIAL TYPE: INSTRUCTOR GUIDES,
STUDENT MATERIALS, AND AUDIO-VISUAL
MATERIALS. EACH CITATION PROVIDES
INFORMATION ON POSSIBLE USE; FOR
EXAMPLE, EDUCATIONAL LEVEL
INDICATED IN PARENTHESIS AT THE END
OF EACH CITATION AND CONTENT
INDICATED IN THE ANNOTATION.
INCLUDED IN THE REFERENCE MATERIALS
SECTION ARE ITEMS ON GENERAL
METRICATION, IMPACT ON EDUCATION,
METRICATION OF BUSINESS AND
INDUSTRY, IMPACT ON CONSUMERS,
INTERNATIONAL SYSTEM OF UNITS (SI),
CONVERTING FROM CUSTOMARY TO METRIC
UNITS, NATIONAL AND INTERNATIONAL
STANDARDS, AND BIBLIOGRAPHIES. THE
LISTS OF RESOURCES IN SECTION THREE
ARE DESIGNED TO HELP THE USER
LOCATE ORGANIZATIONS, PUBLISHERS,
SUPPLIERS, AND RESOURCE PERSONS WHO
MAY BE HELPFUL IN DEVELOPING OR
SELECTING CURRICULUM MATERIALS.
NAMES, ADDRESSES, AND AVAILABLE
MATERIALS AND SERVICES ARE GIVEN.
(AUTHOR/NJ)

VT 102 352

HUGHES, VAN
FILMSTRIP DEVELOPMENT AS AN AID TO
COORDINATE THEORY AND PRACTICE ON
THE METALWORKING LATHE. FINAL
REPORT.

OLIVER HIGH SCHOOL, PITTSBURGH, PA.

PENNSYLVANIA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, HARRISBURG.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
PUB DATE - JUN74 11P.

DESCRIPTORS - AUDIOVISUAL INSTRUCTION; *FILMSTRIPS; INDIVIDUALIZED INSTRUCTION; *MACHINE TOOLS; *SHOP CURRICULUM

ABSTRACT - A SOUND-FILMSTRIP WAS DEVELOPED AT OLIVER HIGH SCHOOL TO ENABLE SHOP STUDENTS TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. THE STUDENT VIEWS THE PROGRAM WHILE PERFORMING AT THE MACHINE. A DU-KANE FILM-0-SOUND PROJECTOR, EASILY OPERATED BY THE STUDENT, IS USED TO PRESENT THE PROGRAM WHICH CAN BE REPEATED AS OFTEN AS NECESSARY. THIS FINAL REPORT OF THE PROJECT INCLUDES AN APPENDIX WHICH DEMONSTRATES HOW THE FILMSTRIP IS COORDINATED WITH THE TAPED SCRIPT. (AUTHOR/NJ)

VT 102 372

SUGGESTED MASTER PLAN FOR INDUSTRIAL ARTS PROGRAMS IN NORTH DAKOTA SCHOOLS. FINAL REPORT.

NORTH DAKOTA UNIV., GRAND FORKS. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK. RESEARCH COORDINATING UNIT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
PUB DATE - JUL75 32P.

DESCRIPTORS - *STATE PROGRAMS; *INDUSTRIAL ARTS; TRADE AND INDUSTRIAL EDUCATION; *PROGRAM GUIDES; *CURRICULUM DEVELOPMENT; MASTER PLANS; ELEMENTARY SECONDARY EDUCATION; FACILITY PLANNING; CURRICULUM PLANNING; TEACHER QUALIFICATIONS
IDENTIFIERS - NORTH DAKOTA

ABSTRACT - THIS THREE-YEAR PLAN INCLUDES DEVELOPMENT OF A STATE INDUSTRIAL ARTS GUIDE, DEVELOPMENT OF INSTRUCTIONAL MATERIALS COMMON TO ALL EXISTING PROGRAMS, AND

INSERVICE TEACHER EDUCATION FOR PROGRAM IMPLEMENTATION. TO DATE ONLY THE FIRST PHASE HAS BEEN COMPLETED, WITH TOTAL PROJECT COMPLETION SCHEDULED FOR THE NEXT THREE YEARS. MASTER PLAN COMMITTEE MEMBERS, SECONDARY SCHOOL INDUSTRIAL ARTS INSTRUCTORS AND STATE EDUCATION REPRESENTATIVES, ATTENDED A SERIES OF LEADERSHIP DEVELOPMENT WORKSHOPS. THIS COMMITTEE WAS RESPONSIBLE FOR ESTABLISHING PRIORITIES, SOLICITING INDUSTRIAL ARTS INPUT ON A STATEWIDE BASIS, EVALUATING MATERIALS, AND RECOMMENDING GUIDELINES. THE MAJOR TOPICS OF THE GUIDE DEVELOPED FOR INDUSTRIAL ARTS EDUCATION IN NORTH DAKOTA INCLUDE: PHILOSOPHY AND GOALS, CURRICULUM STRUCTURE AND CONTENT BASE, INDUSTRIAL ARTS PHYSICAL FACILITIES, TEACHER QUALIFICATIONS, CRITERIA FOR REIMBURSEMENT OF INDUSTRIAL ARTS PROGRAMS, AND OPERATIONAL GUIDELINES. THE GUIDE WILL BE USED AS THE FRAMEWORK FOR DEVELOPMENT OF INSTRUCTIONAL MATERIALS IN THE SECOND PHASE. (KJ)

SUBJECT INDEX

This index lists titles of documents under the major subject terms that have been assigned to characterize their contents. The subjects, which consist of terms in the *Thesaurus of ERIC Descriptors* and additional identifiers, are listed in alphabetical order.

As shown in the example below, the page on which the document abstract appears is displayed above the title.

	PAGE
<u>AIR CONDITIONING</u>	
VT 015 636	62
AIR CONDITIONING AND REFRIGERA- TION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
VT 017 411	74
AIR CONDITIONING REFRIGERATION REPAIRMAN. PREVOCATIONAL SERIES.	
<u>AIRCRAFT PILOTS</u>	
VT 010 643	4
AN INTRODUCTORY AVIATION COURSE GUIDE.	
<u>ALPHABETIZING SKILLS</u>	
VT 101 445	113
VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.	

SUBJECT INDEX

	PAGE		PAGE
<u>ABSTRACTS</u>		VT 101 008	104
VT 015 445 ED 062 577	58	COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.	
INDUSTRIAL ARTS EDUCATION--INSTRUCTIONAL MATERIALS.		VT 101 009	104
VT 016 524 ED 068 627	68	COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.	
ABSTRACTS OF INSTRUCTIONAL MATERIALS FOR CAREER EDUCATION.		VT 101 801	117
VT 101 455	113	PROJECT REAL: RELEVANT EDUCATION, ACTIVITY CENTERED LEARNING. EXPLORING THE WORLD OF CAREERS, GRADES 7 & 8. SUPPLEMENT TO TEACHERS' GUIDE; INSTRUCTIONAL UNITS.	
VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS. REVISED 1974.		<u>ADMINISTRATOR GUIDES</u>	
VT 101 476	114	VT 014 843	41
A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.		INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.	
<u>ACADEMIC STANDARDS</u>		VT 015 627	60
VT 014 503	31	SUGGESTIONS FOR IMPLEMENTING AND ORGANIZING PREVOCATIONAL EDUCATION PROGRAMS FOR SOUTH CAROLINA. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR COURSES TAUGHT AT GARFIELD HIGH SCHOOL.		<u>ADULT DEVELOPMENT</u>	
<u>ACADEMICALLY HANDICAPPED</u>		VT 101 631	117
VT 019 135	84	FURNITURE REFINISHING AT HOME, REVISED EDITION.	
CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.		<u>ADULT EDUCATION</u>	
VT 101 332	109	VT 100 113	88
ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.		TECHNICAL CLUSTER II: GRAPHIC ARTS, VOLUME F: PRODUCTION PRINTING.	
<u>ACCIDENT PREVENTION</u>		<u>ADULT VOCATIONAL EDUCATION</u>	
VT 016 659	70	VT 015 001	49
SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.		BASIC ELECTRICITY STUDY COURSE.	
<u>ACTIVITY UNITS</u>		<u>AERONAUTICS</u>	
VT 101 007	104	VT 014 597 ED 058 456	34
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.		EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.	

SUBJECT INDEX

	PAGE		PAGE
<u>AEROSPACE TECHNOLOGY</u>		VT 017 411	74
VT 013 363	12	AIR CONDITIONING REFRIGERATION REPAIRMAN. PREVOCATIONAL SERIES.	
AERONAUTICAL SCIENCE COURSE OF STUDY.		<u>AIRCRAFT PILOTS</u>	
VT 014 227	24	VT 010 643	4
RECOMMENDED MINIMUM AEROSPACE MATERIALS FOR A SCHOOL SYSTEM.		AN INTRODUCTORY AVIATION COURSE GUIDE.	
VT 014 596 FD 058 455	34	<u>ALPHABETIZING SKILLS</u>	
EXPLORING IN AEROSPACE ROCKETRY. AN INTRODUCTION TO THE FUNDAMENTALS OF ROCKETRY.		VT 101 445	113
VT 014 597 ED 058 456	34	VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.	
EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.		<u>AMERICAN INDUSTRIES</u>	
<u>AGRICULTURAL EDUCATION</u>		VT 010 610	3
VT 014 485	30	AMERICAN INDUSTRIES FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES. SECOND EDITION.	
VOCATIONAL EDUCATION.		<u>ANNOTATED BIBLIOGRAPHIES</u>	
VT 016 179	67	VT 014 357 ED 057 236	28
METAL INERT GAS (MIG) WELDING.		BOOKS.	
VT 016 253	67	VT 016 524 ED 068 627	68
TUNGSTEN INERT GAS (TIG) WELDING.		ABSTRACTS OF INSTRUCTIONAL MATERIALS FOR CAREER EDUCATION.	
VT 100 618	95	VT 019 340 ED 073 324	85
AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.		ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.	
<u>AGRICULTURAL ENGINEERING</u>		VT 101 455	113
VT 016 179	67	VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS. REVISED 1974.	
METAL INERT GAS (MIG) WELDING.		VT 101 476	114
VT 016 253	67	A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.	
TUNGSTEN INERT GAS (TIG) WELDING.		VT 102 010	120
<u>AIR AGE EDUCATION</u>		BIBLIOGRAPHY ON CAREER EDUCATION.	
VT 010 642	3		
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME 1.			
VT 010 643	4		
AN INTRODUCTORY AVIATION COURSE GUIDE.			
<u>AIR CONDITIONING</u>			
VT 015 636	62		
AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.			

SUBJECT INDEX

	PAGE		PAGE
VT 102 344	124	<u>AUTO BODY REPAIRMAN</u>	
METRIC EDUCATION. AN ANNOTATED BIBLIOGRAPHY FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION. BIBLIOGRAPHY SERIES NO. 26.		VT 014 945	48
<u>APPLIANCE REPAIRING</u>		EXPLORATORY DRAFTING--AUTO BODY REPAIR.	
VT 017 410	74	<u>AUTO MECHANICS</u>	
HOUSEHOLD APPLIANCE REPAIRMAN. PREVOCATIONAL SERIES.		VT 010 886	4
VT 100 696	98	POWER GOES TO WORK IN THE AUTOMOBILE; AN INTRODUCTION TO THE TRANSMISSION OF POWER.	
AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		VT 013 513	14
<u>APPLIANCE SERVICE TECHNICIANS</u>		SMALL GAS ENGINES I, COURSE OF STUDY.	
VT 017 410	74	VT 013 514	15
HOUSEHOLD APPLIANCE REPAIRMAN. PREVOCATIONAL SERIES.		SMALL GAS ENGINES II, COURSE OF STUDY.	
<u>ARCHITECTURAL DRAFTING</u>		VT 013 575	17
VT 013 036	9	SMALL ENGINES; CARE--OPERATION --MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.	
ELEMENTS OF CONSTRUCTION TECHNOLOGY, SENIOR DIVISION.		VT 014 194	23
VT 014 601	35	BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.	
INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.		VT 014 602	35
<u>ASSEMBLY (MANUFACTURING)</u>		INDUSTRIAL EDUCATION COURSE OUTLINE: AUTO MECHANICS 3-4.	
VT 015 963	66	VT 014 935	44
AUTO ASSEMBLY JOBS. WORLD OF WORK.		EXPLORATORY DRAFTING--AUTO MECHANICS.	
VT 019 015	82	VT 017 412	74
HOW AUTOMOBILES ARE MADE.		AUTOMOBILE MECHANIC. PREVOCATIONAL SERIES.	
VT 101 419	111	VT 100 049	87
A MANUFACTURING MINI-UNIT CENTERED AROUND AN ORIGINAL PLAY.		BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.	
<u>ATTITUDES APPRECIATIONS</u>		VT 100 458	91
VT 019 015	82	SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.	
HOW AUTOMOBILES ARE MADE.		VT 100 696	98
<u>AUDIOVISUAL AIDS</u>		AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	
VT 102 010	120	VT 100 916	103
BIBLIOGRAPHY ON CAREER EDUCATION.		BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.	

SUBJECT INDEX

	PAGE		PAGE
VT 101 445	112	<u>BEGINNING COMPETENCE</u>	
VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.		VT 018 307	80
<u>AUTO MECHANICS (OCCUPATION)</u>		GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).	
VT 013 513	14	<u>BEGINNING TEACHERS</u>	
SMALL GAS ENGINES I, COURSE OF STUDY.		VT 015 528	59
VT 013 514	15	INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.	
SMALL GAS ENGINES II, COURSE OF STUDY.		VT 017 073	71
VT 015 632	61	TEACHING SHOP AND LABORATORY SUBJECTS. THE MERRILL SERIES IN CAREER PROGRAMS.	
POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		<u>BEHAVIORAL OBJECTIVES</u>	
VT 015 808	64	VT 014 373	29
AUTO MECHANICS. PREVOCATIONAL FEEDER PROGRAM FOR GRADES 7 AND 8.		PERFORMANCE OBJECTIVE HANDBOOK, 1970-71.	
VT 017 412	74	VT 014 503	31
AUTOMOBILE MECHANIC. PREVOCATIONAL SERIES.		PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR COURSES TAUGHT AT GARFIELD HIGH SCHOOL.	
VT 019 135	84	VT 014 791	39
CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.		COURSE OF STUDY FOR BUILDING CONSTRUCTION.	
VT 100 049	87	VT 014 792	39
BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.		COURSE OF STUDY FOR METAL FABRICATION.	
<u>AVIATION TECHNOLOGY</u>		VT 014 892 ED 060 218	43
VT 010 642	3	BEHAVIORAL OBJECTIVES TRAINING PACKAGE.	
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME I.		VT 019 048	83
VT 010 643	4	BUSINESS EDUCATION: WOODWORKING, GRADES 7-12.	
AN INTRODUCTORY AVIATION COURSE GUIDE.		VT 019 054	83
VT 012 170	8	BUSINESS EDUCATION: MECHANICAL DRAWING, GRADES 7-12.	
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME II.		VT 019 057	84
VT 013 747	18	BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.	
INSTRUMENT FLIGHT INSTRUCTOR, WRITTEN TEST GUIDE.			

SUBJECT INDEX

	PAGE		PAGE
VT 019 269	85	<u>BLUEPRINTS</u>	
MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.		VT 100 912	102
VT 100 049	87	BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	
BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.		VT 100 914	103
VT 100 840	99	BLUEPRINT READING AND SKETCHING FOR GLASS TECHNOLOGY.	
BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.		<u>BOOKS</u>	
<u>BIBLIOGRAPHIC CITATIONS</u>		VT 014 357	28
VT 014 269	27	ED 057 236	28
PLASTICS EDUCATION GUIDE.		BOOKS.	
<u>BIBLIOGRAPHIES</u>		VT 100 916	103
VT 014 506	31	BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.	
COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.		<u>BOWLING GREEN</u>	
VT 014 642	36	VT 101 811	118
ED 057 257	36	BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.	
ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION AND ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION. ANNUAL INDEX 1970-71.		<u>BUILDING DESIGN</u>	
VT 014 844	41	VT 160 912	102
BIBLIOGRAPHY OF INSTRUCTIONAL MATERIALS OF EXEMPLARY PROJECTS ON CAREER EDUCATION.		BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	
VT 017 730	78	<u>BUILDING MATERIALS</u>	
WHO? WHAT? WHERE? HOW MUCH? COORDINATED VOCATIONAL ACADEMIC EDUCATION BIBLIOGRAPHY.		VT 100 913	103
VT 100 618	95	BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	
AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.		<u>BUILDING TRADES</u>	
		VT 014 516	32
		CAREERS UNLIMITED...STRUCTURAL WORK--SOCIAL STUDIES.	
		VT 014 791	39
		COURSE OF STUDY FOR BUILDING CONSTRUCTION.	

SUBJECT INDEX

	PAGE		PAGE
VT 014 851	42	VT 017 642	77
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.		THE NEW WORLD OF CONSTRUCTION ENGINEERING. THE NEW WORLDS SERIES.	
VT 015 536	59	VT 020 552	85
WORKERS IN HOUSE CONSTRUCTION.		MANUFACTURING UNIT. INTERMEDIATE LEVEL.	
VT 015 631	61	VT 101 980	119
BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCAIONAL EDUCATION.		LEARNING EXPERIENCES IN TECHNOLOGY. BOOK I FOR GRADES K-2.	
VT 100 867	101	VT 101 981	120
MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.		LEARNING EXPERIENCES IN TECHNOLOGY. BOOK II FOR GRADES 3 AND 4.	
VT 101 304	109	VT 101 982	120
A COMPUTERIZED TASK INVENTORY SYSTEM FOR PROVIDING CURRICULUM CONTENT. CARPENTRY. FINAL REPORT.		LEARNING EXPERIENCES IN TECHNOLOGY. BOOK III FOR GRADES 5 AND 6.	
VT 101 443	112	VT 102 260	123
BACKGROUND FOR BUILDERS - RELATED SCIENCE AND TRADE INFORMATION FOR THE BUILDING TRADES.		CAREERS IN TECHNOLOGY.	
		VT 102 261	123
		WORKING WITH TREES.	
		VT 102 268	123
		MAKING TOYS THROUGH TEAMWORK.	
		<u>CAREER EDUCATION</u>	
<u>BUILDINGS</u>		VT 014 239 ED 058 395	24
VT 017 409	73	THE WORLD OF MANUFACTURING, LABORATORY MANUAL. INDUSTRIAL ARTS CURRICULUM PROJECT.	
BUILDING MAINTENANCE WORKER. PREVOCAIONAL SERIES.		VT 014 240 ED 058 396	24
		THE WORLD OF MANUFACTURING. INDUSTRIAL ARTS CURRICULUM PROJECT.	
<u>BUSINESS EDUCATION</u>		VT 014 241 ED 058 397	25
VT 014 485	30	THE WORLD OF CONSTRUCTION. INDUSTRIAL ARTS CURRICULUM PROJECT.	
VOCATIONAL EDUCATION.		VT 014 242 ED 058 398	26
VT 101 487	114	THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 1. INDUSTRIAL ARTS CURRICULUM PROJECT.	
VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.		VT 014 243 ED 058 399	26
		THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 2. INDUSTRIAL ARTS CURRICULUM PROJECT.	
<u>CAREER AWARENESS</u>			
VT 017 298	73		
CONSTRUCTION AHEAD.			
VT 017 316	73		
LET'S GO TO A PAPER MILL. LET'S GO SERIES.			

SUBJECT INDEX

	PAGE		PAGE
VT 014 244 ED 058 400	27	VT 014 984 ED 061 444	48
THE WORLD OF CONSTRUCTION, TEACHER'S GUIDE. INDUSTRIAL ARTS CURRICULUM PROJECT.		ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.	
VT 014 391	29	VT 014 991 ED 062 519	49
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.		FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.	
VT 014 506	31	VT 015 201	50
COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.		TRANSPORTATION. UNIT FOR UPPER ELEMENTARY STUDENTS.	
VT 014 513	32	VT 015 223	51
CAREERS UNLIMITED...MANUFACTURING--SCIEN		CAREERS IN TECHNOLOGY. A RESOURCE UNIT FOR GRADES THREE AND FOUR.	
VT 014 516	32	VT 015 224	51
CAREERS UNLIMITED...STRUCTURAL WORK--SOCIAL STUDIES.		COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.	
VT 014 551	33	VT 015 227 ED 063 463	52
CAREERS UNLIMITED...MANUFACTURING--ENGLI		INDUSTRIAL PREP, VOLUME ONE, SOPHOMORE YEAR--INTRODUCTION MATHEMATICS.	
VT 014 556	33	VT 015 229 ED 063 465	52
TRANSPORTATION CAREERS. GUIDED OCCUPATIONAL ORIENTATION.		INDUSTRIAL PREP, VOLUME THREE, JUNIOR YEAR--CONTENTS: PHYSICS AND ENGLISH.	
VT 014 603	36	VT 015 230 ED 063 466	53
ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.		INDUSTRIAL PREP, VOLUME FOUR, JUNIOR YEAR--CONTENTS: MATHEMATICS AND GUIDANCE.	
VT 014 700 ED 059 384	37	VT 015 231 ED 063 467	54
CURRICULUM GUIDE FOR ELECTRICITY-ELECTRONICS.		INDUSTRIAL PREP, VOLUME FIVE, SENIOR YEAR--ENGLISH, CHEMISTRY, SOCIAL STUDIES, AND OCCUPATIONAL RELATIONS.	
VT 014 701 ED 059 385	38	VT 015 233	54
CURRICULUM GUIDE FOR METALS.		THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.	
VT 014 817 ED 061 429	40	VT 015 411	55
K-12 CAREER EDUCATION GUIDE.		PITT COUNTY MIDDLE GRADES PROJECT, I-III.	
VT 014 844	41	VT 015 433	58
BIBLIOGRAPHY OF INSTRUCTIONAL MATERIALS OF EXEMPLARY PROJECTS ON CAREER EDUCATION.		CAREER ORIENTATION 7-8.	
VT 014 921	44		
CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.			

SUBJECT INDEX

	PAGE		PAGE
VT 015 627 SUGGESTIONS FOR IMPLEMENTING AND ORGANIZING PREVOCATIONAL EDUCATION PROGRAMS FOR SOUTH CAROLINA. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	60	VT 018 307 GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).	80
VT 015 636 AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	62	VT 018 993 ED 073 288 CAREER EDUCATION: A HANDBOOK FOR PROGRAM INITIATION.	82
VT 015 638 MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	62	VT 019 340 ED 073 324 ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.	85
VT 015 639 ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	62	VT 100 122 "WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.	88
VT 015 820 ED 064 501 HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.	64	VT 100 449 A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOMEMAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.	91
VT 016 524 ED 068 627 ABSTRACTS OF INSTRUCTIONAL MATERIALS FOR CAREER EDUCATION.	68	VT 100 455 SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.	91
VT 017 522 "CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.	76	VT 100 481 A PROPOSED CURRICULUM IN TECHNOLOGY: THE "WORLD OF WORK" AND CAREERS. UNDATED WORKING PAPER.	92
VT 017 642 THE NEW WORLD OF CONSTRUCTION ENGINEERING. THE NEW WORLDS SERIES.	77	VT 100 629 KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.	96
VT 017 702 A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.	78	VT 100 639 CAREER EDUCATION CATALOG.	96
VT 017 730 WHO? WHAT? WHERE? HOW MUCH? COORDINATED VOCATIONAL ACADEMIC EDUCATION BIBLIOGRAPHY.	78	VT 100 853 WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.	100
VT 017 770 ED 069 918 CAREER EDUCATION RESOURCE GUIDE.	79	VT 100 854 WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.	100
		VT 100 855 WORLD OF COMMUNICATION. K-6.	100

SUBJECT INDEX

	PAGE		PAGE
VT 100 857	101	VT 101 415	111
PREPARING FOR THE WORLD OF WORK. K-6.		HANDBOOK OF CAREER INFORMATION RESOURCES.	
VT 100 907	102	VT 101 440	112
ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.		CAREER EDUCATION ACTIVITY GUIDE. NEW OPPORTUNITIES FOR WORK.	
VT 101 007	104	VT 101 476	114
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKIEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.		A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.	
VT 101 008	104	VT 101 811	118
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKIEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.		BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.	
VT 101 009	104	VT 101 964	119
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKIEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.		CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.	
VT 101 029	105	VT 102 010	120
CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.		BIBLIOGRAPHY ON CAREER EDUCATION.	
VT 101 046	105	VT 102 012	121
GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.		CAREER EDUCATION STUDY UNIT. BRIDGEPORT'S EXEMPLARY PROJECT IN CAREER EDUCATION 1973-1974.	
VT 101 206	106	<u>CAREER EXPLORATION</u>	
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE II - 7TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.		VT 018 482	80
VT 101 283	108	DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.	
A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.		VT 101 565	115
VT 101 406	110	CONSORTIUM FOR PLANNING, DEVELOPING, AND IMPLEMENTING EXPLORATORY INDUSTRIAL CAREER DEVELOPMENT MODELS (PHASE I OF THREE PHASES). INTERIM REPORT AND PROPOSAL.	
CAREER AWARENESS K-6 (ELEMENTARY). DICTIONARY OF OCCUPATIONAL TITLES.		VT 101 964	119
VT 101 412	110	CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.	
INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.			

SUBJECT INDEX

	PAGE		PAGE
<u>CAREER OPPORTUNITIES</u>		<u>CAREERS</u>	
VT 015 636	62	VT 100 112	87
AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (QUIN-1). COURSE OUTLINE.	
VT 016 029	67	VT 100 867	101
GUIDE TO FEDERAL CAREER LITERATURE.		MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.	
VT 017 125	72	VT 101 419	111
YOUR CAREER IN TRANSPORTATION.		A MANUFACTURING MINI-UNIT CENTERED AROUND AN ORIGINAL PLAY.	
VT 100 112	87	VT 101 434	112
CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (QUIN-1). COURSE OUTLINE.		GENERAL MATH TOPICS AND RELATED CAREERS.	
VT 101 046	105	VT 101 801	117
GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.		PROJECT REAL: RELEVANT EDUCATION, ACTIVITY CENTERED LEARNING. EXPLORING THE WORLD OF CAREERS, GRADES 7 & 8. SUPPLEMENT TO TEACHERS' GUIDE; INSTRUCTIONAL UNITS.	
<u>CAREER ORIENTATION</u>		<u>CARPENTERS</u>	
VT 014 921	44	VT 014 944	48
CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.		EXPLORATORY DRAFTING--CARPENTRY.	
<u>CAREER PLANNING</u>		VT 100 698	99
VT 014 391	29	CONSTRUCTION CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.		VT 101 304	109
VT 100 481	92	A COMPUTERIZED TASK INVENTORY SYSTEM FOR PROVIDING CURRICULUM CONTENT. CARPENTRY. FINAL REPORT.	
A PROPOSED CURRICULUM IN TECHNOLOGY: THE "WORLD OF WORK" AND CAREERS. UNDATED WORKING PAPER.		<u>CATALOGS</u>	
VT 101 207	106	VT 014 227	24
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE I - 6TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.		RECOMMENDED MINIMUM AFROSPACE MATERIALS FOR A SCHOOL SYSTEM.	
VT 101 412	110	VT 100 639	96
INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.		CAREER EDUCATION CATALOG.	
		<u>CATALOGUES</u>	
		VT 014 600	35
		FILMS FOR CLASSROOM TEACHING.	

SUBJECT INDEX

	PAGE		PAGE
<u>CHEMICAL INDUSTRY</u>		<u>COMMERCIAL ART</u>	
VT 017 316	73	VT 014 942	47
LET'S GO TO A PAPER MILL.		EXPLORATORY	
LET'S GO SERIES.		DRAFTING--COMMERCIAL ART.	
<u>CHEMISTRY INSTRUCTION</u>		<u>COMMUNICATION (THOUGHT TRANSFER)</u>	
VT 015 231 ED 063 467	54	VT 015 224	51
INDUSTRIAL PREP, VOLUME FIVE,		COMMUNICATIONS UNIT, 4TH AND	
SENIOR YEAR--ENGLISH,		5TH GRADES.	
CHEMISTRY, SOCIAL STUDIES, AND			
OCCUPATIONAL RELATIONS.		<u>COMMUNICATIONS</u>	
<u>CITY WIDE PROGRAMS</u>		VT 016 658	69
VT 017 702	78	COMMUNICATIONS: INDUSTRIAL	
A GALAXY PLAN FOR CAREER		EDUCATION CURRICULUM GUIDE.	
PREPARATION. A CONCEPT AND		INSTRUCTIONAL MATERIALS FOR	
PLAN OF ORGANIZATION.		USE WITH DISADVANTAGED	
		STUDENTS IN VOCATIONAL	
		EDUCATION.	
<u>CIVIL ENGINEERING</u>		VT 018 307	80
VT 017 298	73	GRAPHIC COMMUNICATION SERIES:	
CONSTRUCTION AHEAD.		COMMUNICATING WITH GRAPHICS,	
VT 017 642	77	ART WORK, IMAGE ASSEMBLY,	
THE NEW WORLD OF CONSTRUCTION		PHOTO-CONVERSION, IMAGE	
ENGINEERING. THE NEW WORLDS		CARRIER PREPARATION, IMAGE	
SERIES.		TRANSFER, FINISHING	
		PROCEDURES, AND DECISION	
		MAKING. (TEXT, TRANSPARENCIES,	
		AND TEACHER'S MANUAL).	
<u>CLASS ACTIVITIES</u>		VT 100 031	86
VT 100 455	91	DEVELOPMENTS OF THE 1972	
SUBJECT-RELATED OCCUPATIONS,		SUMMER WORKSHOP OF SCIENTIFIC	
GRADES 7-9.		EXPLORATION OF TECHNOLOGY	
		(INDEPENDENCE	
<u>CLASSROOM GUIDANCE PROGRAMS</u>		BURLINGTON-SHAWNEE MISSION). A	
VT 015 230 ED 063 466	53	TRIAL 9TH AND/OR 10TH GRADE	
INDUSTRIAL PREP, VOLUME FOUR,		INDUSTRIAL ARTS COURSE IN	
JUNIOR YEAR--CONTENTS:		COMMUNICATIONS TECHNOLOGY.	
MATHEMATICS AND GUIDANCE.		VT 100 855	100
<u>CLASSROOM TECHNIQUES</u>		WORLD OF COMMUNICATION. K-6.	
VT 101 287	108	<u>CONCEPT TEACHING</u>	
LEARNING RESEARCH AND		VT 014 240 ED 058 396	24
PRINCIPLES AS APPLIED TO		THE WORLD OF MANUFACTURING.	
CLASSROOM LEARNING: PART I.		INDUSTRIAL ARTS CURRICULUM	
		PROJECT.	
<u>COLLEGE GRADUATES</u>		<u>CONCEPTS</u>	
VT 016 029	67	VT 014 817 ED 061 429	40
GUIDE TO FEDERAL CAREER		K-12 CAREER EDUCATION GUIDE.	
LITERATURE.			

SUBJECT INDEX

	PAGE		PAGE
<u>CONCEPTUAL SCHEMES</u>			
VT 013 546	16	VT 100 912	102
AN INTRODUCTION TO TECHNOLOGY: ENERGY, INFORMATION, PROCESSES, MACHINES, AND MATERIALS.		BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	
VT 017 770 ED 069 918	79	VT 100 913	103
CAREER EDUCATION RESOURCE GUIDE.		BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	
<u>CONSERVATION EDUCATION</u>			
VT 100 615	94	VT 101 304	109
COPIING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.		A COMPUTERIZED TASK INVENTORY SYSTEM FOR PROVIDING CURRICULUM CONTENT. CARPENTRY. FINAL REPORT.	
<u>CONSORTIA</u>			
VT 101 565	115	<u>CONSTRUCTION INDUSTRY</u>	
CONSORTIUM FOR PLANNING, DEVELOPING, AND IMPLEMENTING EXPLORATORY INDUSTRIAL CAREER DEVELOPMENT MODELS (PHASE I OF THREE PHASES). INTERIM REPORT AND PROPOSAL.		VT 014 241 ED 058 397	25
		THE WORLD OF CONSTRUCTION. INDUSTRIAL ARTS CURRICULUM PROJECT.	
		VT 014 242 ED 058 398	26
		THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 1. INDUSTRIAL ARTS CURRICULUM PROJECT.	
<u>CONSTRUCTION (PROCESS)</u>			
VT 014 851	42	VT 014 243 ED 058 399	26
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.		THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 2. INDUSTRIAL ARTS CURRICULUM PROJECT.	
VT 017 298	73	VT 014 244 ED 058 400	27
CONSTRUCTION AHEAD.		THE WORLD OF CONSTRUCTION, TEACHER'S GUIDE. INDUSTRIAL ARTS CURRICULUM PROJECT.	
VT 017 520	76	VT 014 791	39
CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.		COURSE OF STUDY FOR BUILDING CONSTRUCTION.	
VT 100 698	99	VT 017 642	77
CONSTRUCTION CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		THE NEW WORLD OF CONSTRUCTION ENGINEERING. THE NEW WORLDS SERIES.	
		VT 100 867	101
		MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.	
<u>CONSTRUCTION NEEDS</u>			
		VT 013 038	9
		ELEMENTS OF CONSTRUCTION TECHNOLOGY, SENIOR DIVISION.	

SUBJECT INDEX

	PAGE		PAGE
<u>CONSUMER EDUCATION</u>		<u>COURSE DESCRIPTIONS</u>	
VT 014 650	37	VT 014 503	31
ELECTRIC MOTORS--SELECTION, PROTECTION, AND DRIVES.		PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR COURSES TAUGHT AT GARFIELD HIGH SCHOOL.	
VT 100 615	94	VT 015 614	59
COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.		ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.	
<u>CONVERSION TABLES</u>		VT 015 948	66
VT 100 305	90	INDUSTRIAL ARTS. TENTATIVE COURSE OUTLINE. AUTHORIZED COURSE OF INSTRUCTION FOR THE QUINMESTER PROGRAM.	
BASIC TRAINING GUIDE TO THE NEW METRICS AND SI UNITS.		VT 100 903	101
<u>COOPERATIVE EDUCATION</u>		INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.	
VT 014 200 ED 056 227	23	VT 101 819	118
GUIDELINES TO INITIATE AND OPERATE A COOPERATIVE VOCATIONAL EDUCATION PROGRAM.		CATALOG OF COURSES. TRAINING POLICIES AND PROCEDURES. ANNUAL SURVEY OF TRAINING NEEDS. IN-HOUSE, INTERAGENCY AND NON-GOVERNMENT COURSES.	
VT 014 792	39	<u>COURSE OBJECTIVES</u>	
COURSE OF STUDY FOR METAL FABRICATION.		VT 013 827	21
<u>COURSE CONTENT</u>		INDUSTRIAL ARTS, 1968. PRELIMINARY EDITION.	
VT 014 602	35	VT 100 840	99
INDUSTRIAL EDUCATION COURSE OUTLINE: AUTO MECHANICS 3-4.		BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.	
VT 014 921	44	VT 101 487	114
CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.		VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.	
VT 016 375	68	<u>COURSE ORGANIZATION</u>	
COURSE OUTLINE FOR GENERAL WOODWORKING.		VT 101 223	107
VT 016 677	70	SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.	
METALS AND MECHANICAL CLUSTERS.		<u>CRAFTSMEN</u>	
VT 019 269	85	VT 101 466	113
MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.		HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.	
VT 100 112	87		
CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (QUIN-1). COURSE OUTLINE.			

SUBJECT INDEX

	PAGE		PAGE
<u>CREATIVE EXPRESSION</u>		VT 014 991 ED 062 519	49
VT 101 332	109	FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.	
ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.		VT 019 340 ED 073 324	85
<u>CULTURALLY DISADVANTAGED</u>		ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.	
VT 004 184	2	VT 100 480	92
SYLLABUS FOR PRE-VOCATIONAL AND VOCATIONAL EDUCATION PROGRAMS FOR THE DISADVANTAGED.		AN APPROACH TO PROPOSED CURRICULUM REVISION OF INDUSTRIAL ARTS PROGRAMS AT THE SECONDARY LEVEL.	
<u>CURRICULUM</u>		VT 100 670	97
VT 100 480	92	WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION, K-12.	
AN APPROACH TO PROPOSED CURRICULUM REVISION OF INDUSTRIAL ARTS PROGRAMS AT THE SECONDARY LEVEL.		VT 102 100	121
<u>CURRICULUM DESIGN</u>		THE CAREER PLAN PROCESS. A CURRICULUM MODEL FOR ORIENTATION TO THE INDUSTRIAL RELATED OCCUPATIONS FOR GRADES NINE AND TEN.	
VT 014 843	41	VT 102 372	125
INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.		SUGGESTED MASTER PLAN FOR INDUSTRIAL ARTS PROGRAMS IN NORTH DAKOTA SCHOOLS. FINAL REPORT.	
VT 100 480	92	<u>CURRICULUM GUIDES</u>	
AN APPROACH TO PROPOSED CURRICULUM REVISION OF INDUSTRIAL ARTS PROGRAMS AT THE SECONDARY LEVEL.		VT 004 184	2
VT 100 481	92	SYLLABUS FOR PRE-VOCATIONAL AND VOCATIONAL EDUCATION PROGRAMS FOR THE DISADVANTAGED.	
A PROPOSED CURRICULUM IN TECHNOLOGY: THE "WORLD OF WORK" AND CAREERS. UNDATED WORKING PAPER.		VT 007 863	2
<u>CURRICULUM DEVELOPMENT</u>		INDUSTRIAL ARTS GENERAL, 10, 20, 30. CURRICULUM GUIDE.	
VT 013 483 ED 053 312	14	VT 010 643	4
AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.		AN INTRODUCTORY AVIATION COURSE GUIDE.	
VT 013 821	20	VT 011 299	5
ENGINEERING TECHNOLOGY CURRICULUM.		CURRICULUM GUIDE FOR GRADES 9-12.	
VT 014 984 ED 061 444	48	VT 013 033	9
ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.		INDUSTRIAL ARTS CURRICULUM GUIDE FOR GRAPHIC ARTS IN OHIO SCHOOLS.	
		VT 013 038	9
		ELEMENTS OF CONSTRUCTION TECHNOLOGY, SENIOR DIVISION.	

SUBJECT INDEX

	PAGE		PAGE
VT 013 287	11	VT 014 391	29
ELECTRONICS 1-4.		A CURRICULUM GUIDE FOR	
VT 013 363	12	OCCUPATIONAL ORIENTATION AND	
AERONAUTICAL SCIENCE COURSE OF		EXPLORATION IN JUNIOR HIGH	
STUDY.		SCHOOL HOME ECONOMICS AND	
VT 013 403	13	INDUSTRIAL ARTS. APPENDIX X TO	
PLASTICS, 1-2.		ANNUAL INTERIM REPORT.	
VT 013 406	13	VT 014 485	30
INDUSTRIAL ART, GRADES 9		VOCATIONAL EDUCATION.	
THROUGH 12. (EXPERIMENTAL		VT 014 503	31
EDITION).		PREREQUISITES AND BEHAVIORAL	
VT 013 513	14	OBJECTIVES FOR COURSES TAUGHT	
SMALL GAS ENGINES I, COURSE OF		AT GARFIELD HIGH SCHOOL.	
STUDY.		VT 014 573	33
VT 013 514	15	INDUSTRIAL EDUCATION COURSE	
SMALL GAS ENGINES II, COURSE		OUTLINE: GRAPHIC ARTS 3-4.	
OF STUDY.		VT 014 596	34
VT 013 546	16	ED 058 455	
AN INTRODUCTION TO TECHNOLOGY:		EXPLORING IN AEROSPACE	
ENERGY, INFORMATION,		ROCKETRY. AN INTRODUCTION TO	
PROCESSES, MACHINES, AND		THE FUNDAMENTALS OF ROCKETRY.	
MATERIALS.		VT 014 597	34
VT 013 817	19	ED 058 456	
PRE-VOCATIONAL. GRADE 10,		EXPLORING IN AERONAUTICS. AN	
CURRICULUM GUIDE.		INTRODUCTION TO AERONAUTICAL	
VT 013 821	20	SCIENCES.	
ENGINEERING TECHNOLOGY		VT 014 601	35
CURRICULUM.		INDUSTRIAL EDUCATION COURSE	
VT 013 825	20	OUTLINE: ARCHITECTURAL	
CURRICULUM GUIDE FOR THE		DRAFTING 3-4.	
INDUSTRIAL ARTS FOR JUNIOR		VT 014 700	37
HIGH, GRADES 6-7-8.		ED 059 384	
VT 013 827	21	CURRICULUM GUIDE FOR	
INDUSTRIAL ARTS, 1968.		ELECTRICITY-ELECTRONICS.	
PRELIMINARY EDITION.		VT 014 701	38
VT 013 847	21	ED 059 385	
HIGH SCHOOL DRAFTING, COURSE		CURRICULUM GUIDE FOR METALS.	
OF STUDY.		VT 014 766	38
VT 014 269.	27	COURSE OF STUDY FOR DRAFTING.	
PLASTICS EDUCATION GUIDE.		VT 014 791	39
VT 014 355	28	COURSE OF STUDY FOR BUILDING	
A LEARNER'S GUIDE TO		CONSTRUCTION.	
INDEPENDENT STUDY.		VT 014 792	39
VT 014 371	28	COURSE OF STUDY FOR METAL	
INDUSTRIAL ARTS, K-12+.		FABRICATION.	
		VT 014 817	40
		ED 061 429	
		K-12 CAREER EDUCATION GUIDE.	

SUBJECT INDEX

	PAGE		PAGE
VT 014 850 AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.	42	VT 015 614 ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.	59
VT 014 851 AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.	42	VT 015 788 INVESTIGATING CAREER OPPORTUNITIES FOR THE FUTURE. CURRICULUM GUIDE (TENTATIVE).	63
VT 014 904 INDUSTRIAL ARTS--AN INTRODUCTION TO LAPIDARY.	44	VT 016 268 MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.	68
VT 014 921 CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.	44	VT 016 658 COMMUNICATIONS: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	69
VT 015 398 A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.	55	VT 016 677 METALS AND MECHANICAL CLUSTERS.	70
VT 015 411 PITT COUNTY MIDDLE GRADES PROJECT, I-III.	55	VT 017 185 ED 068 685 INDUSTRIAL ARTS IN THE ELEMENTARY SCHOOL PROGRAM: MOTIVATION FOR LEARNING IN KINDERGARTEN TO GRADE 4.	72
VT 015 413 PITT COUNTY MIDDLE GRADES PROJECT: CONSTRUCTION INDUSTRIES, MANUFACTURING INDUSTRIES AND AGRICULTURAL OCCUPATIONS.	56	VT 017 520 CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	76
VT 015 421 OVT EXPLORATORY PROGRAM, PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.	57	VT 017 637 POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	77
VT 015 433 CAREER ORIENTATION 7-8.	58	VT 017 728 INDUSTRIAL ARTS CURRICULUM GUIDE.	78
VT 015 528 INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.	59	VT 019 135 CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.	84
VT 015 536 WORKERS IN HOUSE CONSTRUCTION.	59	VT 019 167 CURRICULUM GUIDE FOR BEGINNING METALS.	84

SUBJECT INDEX

	PAGE		PAGE
VT 019 269	85	VT 101 207	106
MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.		OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE I - 6TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.	
VT 100 006	86	VT 101 231	107
POWER TECHNOLOGY: A CURRICULUM GUIDE FOR INDUSTRIAL ARTS.		OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.	
VT 100 112	87	VT 101 283	108
CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (QUIN-1). COURSE OUTLINE.		A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.	
VT 100 265	89	VT 101 964	119
INDUSTRIAL PLASTICS. COURSE CURRICULUM.		CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.	
VT 100 449	91		
A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOME MAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.		<u>CURRICULUM PLANNING</u>	
VT 100 609	94	VT 101 223	107
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.		SECUNDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.	
VT 100 670	97		
WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION, K-12.		<u>DEAF EDUCATION</u>	
VT 100 903	101	VT 100 849	99
INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.		ELEMENTARY ARC WELDING SKILLS.	
VT 100 907	102		
ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.		<u>DEFINITIONS</u>	
VT 101 206	106	VT 100 619	96
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE II - 7TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.		AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.	
		<u>DELAWARE</u>	
		VT 014 371	28
		INDUSTRIAL ARTS, K-12+.	
		<u>DEVELOPMENTAL PROGRAMS</u>	
		VT 014 844	41
		BIBLIOGRAPHY OF INSTRUCTIONAL MATERIALS OF EXEMPLARY PROJECTS ON CAREER EDUCATION.	
		VT 014 991 ED 062 519	49
		FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.	
		VT 100 122	88
		"WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.	

SUBJECT INDEX

	PAGE		PAGE
VT 101 007	104	<u>DISADVANTAGED YOUTH</u>	
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.		VT 016 658	69
VT 101 008	104	COMMUNICATIONS: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.		VT 017 519	75
VT 101 009	104	MANUFACTURING: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.		VT 017 520	76
VT 101 615	116	CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	
WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.		VT 017 637	77
VT 101 617	116	POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	
WORLD OF WORK. VOLUME II. LEARNING PACKETS. FINAL REPORT.		VT 100 853	100
<u>DICTIONARIES</u>		WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.	
VT 101 406	110	VT 100 854	100
CAREER AWARENESS K-6 (ELEMENTARY). DICTIONARY OF OCCUPATIONAL TITLES.		WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.	
<u>DIRECTORIES</u>		VT 100 855	100
VT 016 029	67	WORLD OF COMMUNICATION. K-6.	
GUIDE TO FEDERAL CAREER LITERATURE.		VT 100 857	101
VT 100 616	95	PREPARING FOR THE WORLD OF WORK. K-6.	
A PREVIEW OF AUDIO VISUAL MATERIALS FOR ENVIRONMENTAL EDUCATORS.		<u>DIVERSIFIED OCCUPATIONS</u>	
<u>DISADVANTAGED GROUPS</u>		VT 014 485	30
VT 013 550 ED 052 368	17	VOCATIONAL EDUCATION.	
INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.		<u>DRAFTING</u>	
		VT 011 299	5
		CURRICULUM GUIDE FOR GRADES 9-12.	

SUBJECT INDEX

	PAGE		PAGE
VT 011 662 GENERAL DRAFTING TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	7	VT 015 638 MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	62
VT 013 659 DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.	18	VT 018 564 BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.	81
VT 013 847 HIGH SCHOOL DRAFTING, COURSE OF STUDY.	21	VT 019 054 BUSINESS EDUCATION: MECHANICAL DRAWING, GRADES 7-12.	83
VT 014 766 COURSE OF STUDY FOR DRAFTING.	38	VT 100 692 GRAPHICS AND COMMUNICATION MEDIA CLUSTER GUIDE.	98
VT 014 850 AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.	42	VT 100 840 BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.	99
VT 014 935 EXPLORATORY DRAFTING--AUTO MECHANICS.	44	VT 100 912 BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	102
VT 014 936 EXPLORATORY DRAFTING--MASONRY.	45	<u>EDUCATIONAL EQUIPMENT</u>	
VT 014 937 EXPLORATORY DRAFTING--SHEET METAL.	45	VT 013 344 THE DEVELOPMENT OF A TOTAL PROGRAM OF EDUCATION FOR THE WORLD OF WORK. PART III, FACILITIES AND EQUIPMENT GUIDE.	11
VT 014 938 EXPLORATORY DRAFTING--MACHINE SHOP.	46	VT 015 638 MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	62
VT 014 941 EXPLORATORY DRAFTING:--HORTICULTURE.	46	<u>EDUCATIONAL FACILITIES</u>	
VT 014 942 EXPLORATORY DRAFTING--COMMERCIAL ART.	47	VT 013 344 THE DEVELOPMENT OF A TOTAL PROGRAM OF EDUCATION FOR THE WORLD OF WORK. PART III, FACILITIES AND EQUIPMENT GUIDE.	11
VT 014 943 EXPLORATORY DRAFTING--ELECTRONICS.	47	VT 101 474 GUIDELINES FOR PLANNING INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT.	114
VT 014 944 EXPLORATORY DRAFTING--CARPENTRY.	48	<u>EDUCATIONAL OBJECTIVES</u>	
VT 014 945 EXPLORATORY DRAFTING--AUTO BODY REPAIR.	48	VT 014 371 INDUSTRIAL ARTS, K-12+.	28

SUBJECT INDEX

	PAGE		PAGE
VT 016 677	70	<u>ELECTRIC MOTORS</u>	
METALS AND MECHANICAL CLUSTERS.		VT 014 650	37
VT 017 728	78	ELECTRIC MOTORS—SELECTION, PROTECTION, AND DRIVES.	
INDUSTRIAL ARTS CURRICULUM GUIDE.		<u>ELECTRICAL APPLIANCE SERVICEMEN</u>	
<u>EDUCATIONAL POLICY</u>		VT 017 410	74
VT 014 843	41	HOUSEHOLD APPLIANCE REPAIRMAN. PREVOCATIONAL SERIES.	
INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.		<u>ELECTRICITY</u>	
<u>EDUCATIONAL PROGRAMS</u>		VT 011 153	5
VT 013 550 ED 052 368	17	THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS I-V.	
INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.		VT 011 661	6
VT 101 811	118	GENERAL	
BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.		ELECTRICITY-ELECTRONICS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	
<u>EDUCATIONAL RESEARCH</u>		VT 014 700 ED 059 384	37
VT 014 642 ED 057 257	36	CURRICULUM GUIDE FOR ELECTRICITY-ELECTRONICS.	
ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION AND ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION. ANNUAL INDEX 1970-71.		VT 015 001	49
<u>EDUCATIONAL RESOURCES</u>		BASIC ELECTRICITY STUDY COURSE.	
VT 101 043	105	VT 100 302	89
LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.		INDUSTRIAL ARTS ELECTRICITY-ELECTRONICS WORKSHOP MANUAL.	
<u>EDUCATIONAL TELEVISION</u>		VT 100 310	90
VT 013 001	9	INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.	
INDUSTRIAL ARTS FOR THE '70'S. TEACHER'S MANUAL TV LESSON GUIDES. SUGGESTED GRADE SENIOR HIGH.		VT 101 299	109
<u>ELECTRIC CIRCUITS</u>		ELECTRONICS/ELECTRICITY. INSTRUCTOR'S DATA GUIDE.	
VT 015 639	62	<u>ELECTROMECHANICAL TECHNOLOGY</u>	
ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		VT 100 006	86
		POWER TECHNOLOGY: A CURRICULUM GUIDE FOR INDUSTRIAL ARTS.	

SUBJECT INDEX

	PAGE		PAGE
VT 100 032	87	<u>ELEMENTARY GRADES</u>	
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER (CONVERSION, TRANSMISSION AND UTILIZATION).		VT 014 357 ED 057 236	28
		BOOKS.	
		VT 014 603	36
		ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.	
		VT 014 921	44
		CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.	
		VT 017 185 ED 068 685	72
		INDUSTRIAL ARTS IN THE ELEMENTARY SCHOOL PROGRAM: MOTIVATION FOR LEARNING IN KINDERGARTEN TO GRADE 4.	
		VT 101 029	105
		CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.	
		VT 101 332	109
		ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.	
		VT 101 406	110
		CAREER AWARENESS K-6 (ELEMENTARY). DICTIONARY OF OCCUPATIONAL TITLES.	
<u>ELECTRONICS</u>		<u>ELGIN HIGH SCHOOL</u>	
VT 002 976	2	VT 100 903	101
UNDERSTANDING A BASIC TRANSISTOR RADIO.		INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.	
VT 011 153	5		
THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS I-V.		<u>EMPLOYERS</u>	
VT 011 661	6	VT 016 760	70
GENERAL ELECTRICITY-ELECTRONICS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.		RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.	
VT 013 287	11	<u>EMPLOYMENT</u>	
ELECTRONICS 1-4.		VT 013 550 ED 052 368	17
VT 014 700 ED 059 384	37	INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.	
CURRICULUM GUIDE FOR ELECTRICITY-ELECTRONICS.		<u>EMPLOYMENT OPPORTUNITIES</u>	
VT 014 943	47	VT 101 440	112
EXPLORATORY DRAFTING--ELECTRONICS.		CAREER EDUCATION ACTIVITY GUIDE. NEW OPPORTUNITIES FOR WORK.	
VT 015 614	59		
ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.			
VT 100 302	89		
INDUSTRIAL ARTS ELECTRICITY-ELECTRONICS WORKSHOP MANUAL.			
VT 100 310	90		
INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.			
<u>ELEMENTARY EDUCATION</u>			
VT 014 984 ED 061 444	48		
ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.			

SUBJECT INDEX

	PAGE		PAGE
<u>ENERGY</u>		VT 100 476	92
VT 100 615	94	MACHINES. UNIT III: FORCE AND MOTION. LEVEL: NINE. LESSON I: INDIVIDUAL STUDY GUIDE FOR STUDENT.	
COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.			
<u>ENGINEERING DRAWING</u>		<u>ENGLISH</u>	
VT 014 193	22	VT 014 551	33
DRAFTING; A FIRST YEAR COURSE FOR THE COMPREHENSIVE SECONDARY SCHOOL.		CAREERS UNLIMITED...MANUFACTURING--ENGLI	
VT 015 638	62	<u>ENGLISH CURRICULUM</u>	
MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		VT 015 229	52
		ED 063 465	52
		INDUSTRIAL PREP, VOLUME THREE, JUNIOR YEAR--CONTENTS: PHYSICS AND ENGLISH.	
<u>ENGINEERING GRAPHICS</u>		VT 015 231	54
VT 013 509	14	ED 063 467	54
TECHNICAL GRAPHICS.		INDUSTRIAL PREP, VOLUME FIVE, SENIOR YEAR--ENGLISH, CHEMISTRY, SOCIAL STUDIES, AND OCCUPATIONAL RELATIONS.	
<u>ENGINEERING TECHNOLOGY</u>		<u>ENVIRONMENTAL EDUCATION</u>	
VT 013 821	20	VT 100 616	95
ENGINEERING TECHNOLOGY CURRICULUM.		A PREVIEW OF AUDIO VISUAL MATERIALS FOR ENVIRONMENTAL EDUCATORS.	
<u>ENGINEERS</u>		VT 100 618	95
VT 017 642	77	AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.	
THE NEW WORLD OF CONSTRUCTION ENGINEERING. THE NEW WORLDS SERIES.		VT 100 619	96
<u>ENGINES</u>		AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.	
VT 013 513	14	<u>EQUIPMENT STANDARDS</u>	
SMALL GAS ENGINES I, COURSE OF STUDY.		VT 101 474	114
VT 013 514	15	GUIDELINES FOR PLANNING INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT.	
SMALL GAS ENGINES II, COURSE OF STUDY.		<u>EQUIPMENT UTILIZATION</u>	
VT 013 575	17	VT 016 659	70
SMALL ENGINES; CARE--OPERATION -MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.		SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.	
VT 100 446	90	<u>EVALUATION SERVICE CENTER FOR OCCUPATIONAL EDUCATI</u>	
A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.		VT 014 892	43
VT 100 458	91	ED 060 218	43
SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.		BEHAVIORAL OBJECTIVES TRAINING PACKAGE.	

SUBJECT INDEX

	PAGE		PAGE
<u>EVALUATION TECHNIQUES</u>		<u>FILMSTRIPS</u>	
VT 014 892 ED 060 218	43	VT 102 352	124
BEHAVIORAL OBJECTIVES TRAINING PACKAGE.		FILMSTRIP DEVELOPMENT AS AN AID TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. FINAL REPORT.	
<u>EXPERIMENTAL CURRICULUM</u>		<u>FINISHING</u>	
VT 015 948	66	VT 013 860	22
INDUSTRIAL ARTS. TENTATIVE COURSE OUTLINE. AUTHORIZED COURSE OF INSTRUCTION FOR THE QUINMESTER PROGRAM.		INTRODUCTION TO WOOD FINISHING.	
VT 018 482	80	<u>FLEXIBLE PROGRESSION</u>	
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEEL MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.		VT 017 702	78
<u>FACILITY GUIDELINES</u>		A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.	
VT 101 474	114	<u>FLIGHT TRAINING</u>	
GUIDELINES FOR PLANNING INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT.		VT 013 747	18
<u>FACILITY PLANNING</u>		INSTRUMENT FLIGHT INSTRUCTOR, WRITTEN TEST GUIDE.	
VT 102 104	122	<u>FLUID POWER EDUCATION</u>	
A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.		VT 017 637	77
<u>FEDERAL LEGISLATION</u>		POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	
VT 018 890 ED 073 272	81	VT 100 476	92
WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.		MACHINES. UNIT III: FORCE AND MOTION. LEVEL: NINE. LESSON I: INDIVIDUAL STUDY GUIDE FOR STUDENT.	
<u>FEEDBACK</u>		<u>FORESTRY</u>	
VT 014 892 ED 060 218	43	VT 100 504	93
BEHAVIORAL OBJECTIVES TRAINING PACKAGE.		BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.	
<u>FILMS</u>		<u>FRIGIDAIRE DIVISION</u>	
VT 014 600	35	VT 010 887	5
FILMS FOR CLASSROOM TEACHING.		A TO ZERO OF REFRIGERATION; A SIMPLE STORY OF MAN-MADE COLD.	

SUBJECT INDEX

	PAGE		PAGE
<u>FURNITURE</u>		<u>GOVERNMENT EMPLOYEES</u>	
VT 101 631	117	VT 101 819	118
FURNITURE REFINISHING AT HOME, REVISED EDITION.		CATALOG OF COURSES. TRAINING POLICIES AND PROCEDURES. ANNUAL SURVEY OF TRAINING NEEDS. IN-HOUSE, INTERAGENCY AND NON-GOVERNMENT COURSES.	
<u>FURNITURE DESIGN</u>		<u>GOVERNMENT PUBLICATIONS</u>	
VT 017 788	79	VT 016 029	67
FURNITURE INDUSTRY.		GUIDE TO FEDERAL CAREER LITERATURE.	
<u>FURNITURE INDUSTRY</u>		VT 016 760	70
VT 017 788	79	RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.	
FURNITURE INDUSTRY.		<u>GRADE 1</u>	
<u>GALAXY PLAN</u>		VT 101 980	119
VT 017 702	78	LEARNING EXPERIENCES IN TECHNOLOGY. BOOK I FOR GRADES K-2.	
A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.		<u>GRADE 2</u>	
<u>GEOMETRY</u>		VT 101 980	119
VT 100 914	103	LEARNING EXPERIENCES IN TECHNOLOGY. BOOK I FOR GRADES K-2.	
BLUEPRINT READING AND SKETCHING FOR GLASS TECHNOLOGY.		<u>GRADE 3</u>	
<u>GEORGIA</u>		VT 101 981	120
VT 016 268	68	LEARNING EXPERIENCES IN TECHNOLOGY. BOOK II FOR GRADES 3 AND 4.	
MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.		<u>GRADE 4</u>	
<u>GLASS</u>		VT 101 981	120
VT 100 914	103	LEARNING EXPERIENCES IN TECHNOLOGY. BOOK II FOR GRADES 3 AND 4.	
BLUEPRINT READING AND SKETCHING FOR GLASS TECHNOLOGY.		<u>GRADE 5</u>	
<u>GLOSSARIES</u>		VT 101 982	120
VT 100 619	96	LEARNING EXPERIENCES IN TECHNOLOGY. BOOK III FOR GRADES 5 AND 6.	
AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.			
<u>GOAL ORIENTATION</u>			
VT 017 728	78		
INDUSTRIAL ARTS CURRICULUM GUIDE.			

SUBJECT INDEX

	PAGE		PAGE
<u>GRADE 6</u>		<u>GRADING</u>	
VT 101 207	106	VT 101 822	119
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE I - 6TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.		A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.	
VT 101 982	120	<u>GRADUATION REQUIREMENTS</u>	
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK III FOR GRADES 5 AND 6.		VT 014 503	31
		PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR COURSES TAUGHT AT GARFIELD HIGH SCHOOL.	
<u>GRADE 7</u>		<u>GRAPHIC ARTS</u>	
VT 101 206	106	VT 011 299	5
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE II - 7TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.		CURRICULUM GUIDE FOR GRADES 9-12.	
VT 101 283	108	VT 011 660	6
A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.		GENERAL GRAPHIC ARTS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	
VT 101 801	117	VT 013 033	9
PROJECT REAL: RELEVANT EDUCATION, ACTIVITY CENTERED LEARNING. EXPLORING THE WORLD OF CAREERS, GRADES 7 & 8. SUPPLEMENT TO TEACHERS' GUIDE; INSTRUCTIONAL UNITS.		INDUSTRIAL ARTS CURRICULUM GUIDE FOR GRAPHIC ARTS IN OHIO SCHOOLS.	
<u>GRADE 8</u>		VT 013 758	19
VT 101 231	107	VT 014 573	33
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.		INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.	
VT 101 283	108	VT 014 766	38
A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.		COURSE OF STUDY FOR DRAFTING.	
VT 101 801	117	VT 014 824	40
PROJECT REAL: RELEVANT EDUCATION, ACTIVITY CENTERED LEARNING. EXPLORING THE WORLD OF CAREERS, GRADES 7 & 8. SUPPLEMENT TO TEACHERS' GUIDE; INSTRUCTIONAL UNITS.		GRAPHIC ARTS.	
VT 101 964	119	VT 015 635	61
CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.		GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
		VT 018 307	80
		GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).	
		VT 100 113	88
		TECHNICAL CLUSTER II: GRAPHIC ARTS, VOLUME F: PRODUCTION PRINTING.	

SUBJECT INDEX

	PAGE		PAGE
VT 100 512	93	<u>HAND TOOLS</u>	
GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.		VT 010 805	4
VT 100 692	98	ABC'S OF HAND TOOLS; THEIR CORRECT USAGE AND CARE.	
GRAPHICS AND COMMUNICATION MEDIA CLUSTER GUIDE.		VT 015 278	55
VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		TOOLS AND THEIR USES. RATE TRAINING MANUAL.	
<u>GUIDANCE</u>		VT 100 147	89
VT 017 125	72	HAND TOOLS FOR METALWORKING TRADES.	
YOUR CAREER IN TRANSPORTATION.		<u>HANDICRAFTS</u>	
<u>GUIDELINES</u>		VT 014 904	44
VT 014 355	28	INDUSTRIAL ARTS--AN INTRODUCTION TO LAPIDARY.	
A LEARNER'S GUIDE TO INDEPENDENT STUDY.		VT 101 332	109
VT 019 048	83	ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.	
BUSINESS EDUCATION: WOODWORKING, GRADES 7-12.		<u>HEALTH</u>	
VT 019 054	83	VT 018 890 ED 073 272	81
BUSINESS EDUCATION: MECHANICAL DRAWING, GRADES 7-12.		WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.	
VT 019 057	84	<u>HEALTH OCCUPATIONS</u>	
BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.		VT 100 907	102
VT 101 223	107	ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.	
SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.		<u>HOME ECONOMICS</u>	
<u>GUIDES</u>		VT 013 520	15
VT 014 650	37	UNIFIED ARTS, COURSE OF STUDY.	
ELECTRIC MOTORS--SELECTION, PROTECTION, AND DRIVES.		VT 014 485	30
VT 016 659	70	VOCATIONAL EDUCATION.	
SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.		VT 100 609	94
VT 101 239	107	A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.	
A GUIDE TO THE METRIC SYSTEM.		VT 101 231	107
VT 101 822	119	OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.	
A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.			
VT 102 104	122		
A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES.			
24TH YEARBOOK.			

SUBJECT INDEX

	PAGE		PAGE
VT 101 487 VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.	114	<u>INDIVIDUALIZED CURRICULUM</u> VT 100 310 INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.	90
<u>HOME ECONOMICS EDUCATION</u> VT 014 391 A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.	29	<u>INDIVIDUALIZED INSTRUCTION</u> VT 015 411 PITT COUNTY MIDDLE GRADES PROJECT, I-III. VT 101 416 THE OREGON VO-TECH MATH PROJECT, PHASE ONE OF TWO. FINAL REPORT. VT 101 603 TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.	55 111 115
<u>HOME FURNISHINGS</u> VT 101 631 FURNITURE REFINISHING AT HOME, REVISED EDITION.	117	<u>INDIVIDUALIZED PROGRAMS</u> VT 100 585 A LISTING OF PROGRAMMED INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION.	94
<u>HORTICULTURE</u> VT 014 941 EXPLORATORY DRAFTING:-HORTICULTURE.	46	<u>INDUSTRIAL ARTS</u> VT 002 976 UNDERSTANDING A BASIC TRANSISTOR RADIO. VT 007 863 INDUSTRIAL ARTS GENERAL, 10, 20, 30. CURRICULUM GUIDE. VT 010 610 AMERICAN INDUSTRIES FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES. SECOND EDITION. VT 010 805 ABC'S OF HAND TOOLS; THEIR CORRECT USAGE AND CARE. VT 011 153 THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS I-V. VT 011 299 CURRICULUM GUIDE FOR GRADES 9-12. VT 011 660 GENERAL GRAPHIC ARTS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	2 2 3 4 5 5 6
<u>INDEPENDENT STUDY</u> VT 014 355 A LEARNER'S GUIDE TO INDEPENDENT STUDY.	28		
<u>INDEXES (LOCATORS)</u> VT 014 642 ED 057 257 ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION AND ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION. ANNUAL INDEX 1970-71. VT 015 445 ED 062 577 INDUSTRIAL ARTS EDUCATION--INSTRUCTIONAL MATERIALS.	36 58		
<u>INDIVIDUAL STUDY</u> VT 101 603 TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.	115		

SUBJECT INDEX

	PAGE		PAGE
VT 011 661 GENERAL ELECTRICITY-ELECTRONICS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	6	VT 013 546 AN INTRODUCTION TO TECHNOLOGY: ENERGY, INFORMATION, PROCESSES, MACHINES, AND MATERIALS.	16
VT 011 662 GENERAL DRAFTING TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	7	VT 013 547 INDUSTRIAL WOODWORKING, AN INSTRUCTIONAL GUIDE.	17
VT 011 663 GENERAL POWER TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	7	VT 013 758 SCREEN PROCESS PRINTING.	19
VT 011 664 GENERAL WOOD TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	7	VT 013 821 ENGINEERING TECHNOLOGY CURRICULUM.	20
VT 011 665 GENERAL METAL TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	8	VT 013 825 CURRICULUM GUIDE FOR THE INDUSTRIAL ARTS FOR JUNIOR HIGH, GRADES 6-7-8.	20
VT 013 001 INDUSTRIAL ARTS FOR THE '70'S. TEACHER'S MANUAL TV LESSON GUIDES. SUGGESTED GRADE SENIOR HIGH.	9	VT 013 827 INDUSTRIAL ARTS, 1968. PRELIMINARY EDITION.	21
VT 013 033 INDUSTRIAL ARTS CURRICULUM GUIDE FOR GRAPHIC ARTS IN OHIO SCHOOLS.	9	VT 013 847 HIGH SCHOOL DRAFTING, COURSE OF STUDY.	21
VT 013 087 COOPERATIVE INDUSTRIAL ARTS TESTS SPECIMEN SET.	10	VT 013 860 INTRODUCTION TO WOOD FINISHING.	22
VT 013 101 POWER MECHANICS I; INDUSTRIAL ARTS III. COURSES OF STUDY.	10	VT 013 861 SHOP ORIENTATION, JOINT VENTURE.	22
VT 013 284 MASS PRODUCTION.	11	VT 014 239 ED 058 395 THE WORLD OF MANUFACTURING, LABORATORY MANUAL. INDUSTRIAL ARTS CURRICULUM PROJECT.	24
VT 013 287 ELECTRONICS 1-4.	11	VT 014 240 ED 058 396 THE WORLD OF MANUFACTURING. INDUSTRIAL ARTS CURRICULUM PROJECT.	24
VT 013 403 PLASTICS, 1-2.	13	VT 014 241 ED 058 397 THE WORLD OF CONSTRUCTION. INDUSTRIAL ARTS CURRICULUM PROJECT.	25
VT 013 406 INDUSTRIAL ARTS, GRADES 9 THROUGH 12. (EXPERIMENTAL EDITION).	13	VT 014 242 ED 058 398 THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 1. INDUSTRIAL ARTS CURRICULUM PROJECT.	26
VT 013 509 TECHNICAL GRAPHICS.	14	VT 014 243 ED 058 399 THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 2. INDUSTRIAL ARTS CURRICULUM PROJECT.	26
VT 013 520 UNIFIED ARTS, COURSE OF STUDY.	15		

SUBJECT INDEX

	PAGE		PAGE
VT 014 244 ED 058 400 THE WORLD OF CONSTRUCTION, TEACHER'S GUIDE. INDUSTRIAL ARTS CURRICULUM PROJECT.	27	VT 014 938 EXPLORATORY DRAFTING--MACHINE SHOP.	46
VT 014 357 ED 057 236 BOOKS.	28	VT 014 940 EXPLORATORY DRAFTING--PRINTING.	46
VT 014 371 INDUSTRIAL ARTS, K-12+.	28	VT 014 941 EXPLORATORY DRAFTING--HORTICULTURE.	46
VT 014 391 A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.	29	VT 014 942 EXPLORATORY DRAFTING--COMMERCIAL ART.	47
VT 014 485 VOCATIONAL EDUCATION.	30	VT 014 943 EXPLORATORY DRAFTING--ELECTRONICS.	47
VT 014 573 INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.	33	VT 014 944 EXPLORATORY DRAFTING--CARPENTRY.	48
VT 014 601 INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.	35	VT 014 945 EXPLORATORY DRAFTING--AUTO BODY REPAIR.	48
VT 014 766 COURSE OF STUDY FOR DRAFTING.	38	VT 014 984 ED 061 444 ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.	48
VT 014 824 GRAPHIC ARTS.	40	VT 015 445 ED 062 577 INDUSTRIAL ARTS EDUCATION--INSTRUCTIONAL MATERIALS.	58
VT 014 843 INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.	41	VT 015 528 INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.	59
VT 014 850 AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.	42	VT 015 639 ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	62
VT 014 904 INDUSTRIAL ARTS--AN INTRODUCTION TO LAPIDARY.	44	VT 015 948 INDUSTRIAL ARTS. TENTATIVE COURSE OUTLINE. AUTHORIZED COURSE OF INSTRUCTION FOR THE QUINMESTER PROGRAM.	66
VT 014 935 EXPLORATORY DRAFTING--AUTO MECHANICS.	44	VT 016 268 MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.	68
VT 014 936 EXPLORATORY DRAFTING--MASONRY.	45		
VT 014 937 EXPLORATORY DRAFTING--SHEET METAL.	45		

SUBJECT INDEX

	PAGE		PAGE
VT 016 659 SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.	70	VT 100 446 A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.	90
VT 017 077 INDUSTRIAL ARTS IN GENERAL EDUCATION.	72	VT 100 480 AN APPROACH TO PROPOSED CURRICULUM REVISION OF INDUSTRIAL ARTS PROGRAMS AT THE SECONDARY LEVEL.	92
VT 017 185 ED 068 685 INDUSTRIAL ARTS IN THE ELEMENTARY SCHOOL PROGRAM: MOTIVATION FOR LEARNING IN KINDERGARTEN TO GRADE 4.	72	VT 100 609 A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.	94
VT 017 466 ED 068 735 INDUSTRIOLOGY--THE SCIENCE OF INDUSTRY.	75	VT 100 903 INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.	101
VT 017 728 INDUSTRIAL ARTS CURRICULUM GUIDE.	78	VT 101 046 GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.	105
VT 018 482 DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.	80	VT 101 223 SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.	107
VT 019 054 BUSINESS EDUCATION: MECHANICAL DRAWING, GRADES 7-12.	83	VT 101 231 OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.	107
VT 019 057 BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.	84	VT 101 565 CONSORTIUM FOR PLANNING, DEVELOPING, AND IMPLEMENTING EXPLORATORY INDUSTRIAL CAREER DEVELOPMENT MODELS (PHASE I OF THREE PHASES). INTERIM REPORT AND PROPOSAL.	115
VT 019 167 CURRICULUM GUIDE FOR BEGINNING METALS.	84	VT 102 100 THE CAREER PLAN PROCESS. A CURRICULUM MODEL FOR ORIENTATION TO THE INDUSTRIAL RELATED OCCUPATIONS FOR GRADES NINE AND TEN.	121
VT 100 031 DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.	86	VT 102 372 SUGGESTED MASTER PLAN FOR INDUSTRIAL ARTS PROGRAMS IN NORTH DAKOTA SCHOOLS. FINAL REPORT.	125
VT 100 302 INDUSTRIAL ARTS ELECTRICITY-ELECTRONICS WORKSHOP MANUAL.	89		

SUBJECT INDEX

	PAGE		PAGE
<u>INDUSTRIAL ARTS TEACHERS</u>		VT 015 413	56
VT 014 824	40	PITT COUNTY MIDDLE GRADES	
GRAPHIC ARTS.		PROJECT: CONSTRUCTION	
VT 017 077	72	INDUSTRIES, MANUFACTURING	
INDUSTRIAL ARTS IN GENERAL		INDUSTRIES AND AGRICULTURAL	
EDUCATION.		OCCUPATIONS.	
VT 019 048	83	VT 015 420 ED 066 555	57
BUSINESS EDUCATION:		AMERICAN INDUSTRY INSTRUCTOR'S	
WOODWORKING, GRADES 7-12.		GUIDE. LEVEL I, PART 1 AND 2.	
VT 100 585	94	VT 015 536	59
A LISTING OF PROGRAMMED		WORKERS IN HOUSE CONSTRUCTION.	
INSTRUCTIONAL MATERIALS FOR		VT 015 948	66
INDUSTRIAL EDUCATION.		INDUSTRIAL ARTS. TENTATIVE	
<u>INDUSTRIAL EDUCATION</u>		COURSE OUTLINE. AUTHORIZED	
VT 010 886	4	COURSE OF INSTRUCTION FOR THE	
POWER GOES TO WORK IN THE		QUINMESTER PROGRAM.	
AUTOMOBILE; AN INTRODUCTION TO		VT 016 268	68
THE TRANSMISSION OF POWER.		MANUFACTURING. INDUSTRIAL ARTS	
VT 013 546	16	FOR THE MIDDLE GRADES.	
AN INTRODUCTION TO TECHNOLOGY:		VT 016 375	68
ENERGY, INFORMATION,		COURSE OUTLINE FOR GENERAL	
PROCESSES, MACHINES, AND		WOODWORKING.	
MATERIALS.		VT 017 069	70
VT 014 355	28	GENERAL INDUSTRIAL MACHINE	
A LEARNER'S GUIDE TO		SHOP.	
INDEPENDENT STUDY.		VT 017 466 ED 068 735	75
VT 014 402	30	INDUSTRIOLOGY--THE SCIENCE OF	
SAFETY.		INDUSTRY.	
VT 014 596 ED 058 455	34	VT 017 642	77
EXPLORING IN AEROSPACE		THE NEW WORLD OF CONSTRUCTION	
ROCKETRY. AN INTRODUCTION TO		ENGINEERING. THE NEW WORLDS	
THE FUNDAMENTALS OF ROCKETRY.		SERIES.	
VT 014 597 ED 058 456	34	VT 020 552	85
EXPLORING IN AERONAUTICS. AN		MANUFACTURING UNIT.	
INTRODUCTION TO AERONAUTICAL		INTERMEDIATE LEVEL.	
SCIENCES.		VT 100 265	89
VT 014 602	35	INDUSTRIAL PLASTICS. COURSE	
INDUSTRIAL EDUCATION COURSE		CURRICULUM.	
OUTLINE: AUTO MECHANICS 3-4.		VT 100 446	90
VT 015 130	50	A GUIDE FOR TEACHING JUNIOR	
INDUSTRIAL MATHEMATICS 1. AN		HIGH POWER MECHANICS.	
INSTRUCTIONAL GUIDE FOR SENIOR		VT 100 476	92
HIGH SCHOOL.		MACHINES. UNIT III: FORCE AND	
VT 015 398	55	MOTION. LEVEL: NINE. LESSON I:	
A PROPOSED INDUSTRIAL		INDIVIDUAL STUDY GUIDE FOR	
TECHNOLOGY CURRICULUM FOR THE		STUDENT.	
ALLEN ACADEMY.		VT 100 585	94
		A LISTING OF PROGRAMMED	
		INSTRUCTIONAL MATERIALS FOR	
		INDUSTRIAL EDUCATION.	

SUBJECT INDEX

	PAGE		PAGE
VT 100 644	96	VT 101 964	119
INDUSTRIAL EDUCATION SAFETY GUIDE. RECOMMENDATIONS AND UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS.		CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.	
VT 100 670	97	VT 102 104	122
WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION, K-12.		A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.	
VT 100 903	101	VT 102 114	122
INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.		A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT AND LINE PRODUCTION.	
VT 101 474	114		
GUIDELINES FOR PLANNING INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT.		<u>INDUSTRIAL TECHNOLOGY</u>	
VT 101 487	114	VT 013 483 ED 053 312	14
VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.		AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.	
VT 101 565	115	VT 013 546	16
CONSORTIUM FOR PLANNING, DEVELOPING, AND IMPLEMENTING EXPLORATORY INDUSTRIAL CAREER DEVELOPMENT MODELS (PHASE I OF THREE PHASES). INTERIM REPORT AND PROPOSAL.		AN INTRODUCTION TO TECHNOLOGY: ENERGY, INFORMATION, PROCESSES, MACHINES, AND MATERIALS.	
VT 101 602	115	VT 015 398	55
BASIC CONCEPTS IN NUMERICAL CONTROL.		A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.	
VT 101 606	116	VT 017 728	78
INDUSTRIAL EDUCATION CURRICULUM DEVELOPMENT. INTERIM REPORT.		INDUSTRIAL ARTS CURRICULUM GUIDE.	
VT 101 615	116	VT 018 482	80
WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.		DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.	
VT 101 617	116	VT 100 914	103
WORLD OF WORK. VOLUME II. LEARNING PACKLTS. FINAL REPORT.		BLUEPRINT READING AND SKETCHING FOR GLASS TECHNOLOGY.	
VT 101 666	117		
RESEARCH OF AFFECT OF VISUAL MATERIALS IN MANUFACTURING PROCESS ON LEARNING. FINAL REPORT.		<u>INDUSTRY</u>	
		VT 015 420 ED 066 555	57
		AMERICAN INDUSTRY INSTRUCTOR'S GUIDE. LEVEL I, PART 1 AND 2.	

SUBJECT INDEX

	PAGE		PAGE
VT 020 552	85	VT 013 287	11
MANUFACTURING UNIT.		ELECTRONICS 1-4.	
INTERMEDIATE LEVEL.		VT 013 406	13
<u>INFORMATION SOURCES</u>		INDUSTRIAL ARTS, GRADES 9	
VT 101 415	111	THROUGH 12. (EXPERIMENTAL	
HANDBOOK OF CAREER INFORMATION		EDITION).	
RESOURCES.		VT 013 483 ED 053 312	14
<u>INJURIES</u>		AUTOMATION IN THE SCHOOLS: A	
VT 018 890 ED 073 272	81	PRESENTATION ON THE AUTOMATION	
WHAT EVERY EMPLOYER NEEDS TO		STUDY PROJECT GIVEN TO THE	
KNOW ABOUT OSHA RECORDKEEPING.		MATERIAL HANDLING INSTITUTE,	
<u>INSERVICE PROGRAMS</u>		PHILADELPHIA, PENNSYLVANIA.	
VT 101 819	118	VT 013 520	15
CATALOG OF COURSES. TRAINING		UNIFIED ARTS, COURSE OF STUDY.	
POLICIES AND PROCEDURES.		VT 013 758	19
ANNUAL SURVEY OF TRAINING		SCREEN PROCESS PRINTING.	
NEEDS. IN-HOUSE, INTERAGENCY		VT 013 825	20
AND NON-GOVERNMENT COURSES.		CURRICULUM GUIDE FOR THE	
<u>INSTRUCTIONAL AIDS</u>		INDUSTRIAL ARTS FOR JUNIOR	
VT 101 043	105	HIGH, GRADES 6-7-8.	
LEARNING MATERIALS. FREE AND		VT 013 847	21
INEXPENSIVE. 17TH BIENNIAL		HIGH SCHOOL DRAFTING, COURSE	
EDITION.		OF STUDY.	
<u>INSTRUCTIONAL INNOVATION</u>		VT 013 860	22
VT 017 770 ED 069 918	79	INTRODUCTION TO WOOD	
CAREER EDUCATION RESOURCE		FINISHING.	
GUIDE.		VT 013 861	22
VT 018 564	81	SHOP ORIENTATION, JOINT	
BASIC DRAFTING INSTRUCTIONAL		VENTURE.	
UNITS. CURRICULUM MATERIAL.		VT 014 193	22
<u>INSTRUCTIONAL MATERIALS</u>		DRAFTING; A FIRST YEAR COURSE	
VT 002 976	2	FOR THE COMPREHENSIVE	
UNDERSTANDING A BASIC		SECONDARY SCHOOL.	
TRANSISTOR RADIO.		VT 014 194	23
VT 007 863	2	BASIC IGNITION AND THE SUN	
INDUSTRIAL ARTS GENERAL, 10,		OSCILLOSCOPE, INSTRUCTOR'S	
20, 30. CURRICULUM GUIDE.		GUIDE.	
VT 010 886	4	VT 014 239 ED 058 395	24
POWER GOES TO WORK IN THE		THE WORLD OF MANUFACTURING,	
AUTOMOBILE; AN INTRODUCTION TO		LABORATORY MANUAL. INDUSTRIAL	
THE TRANSMISSION OF POWER.		ARTS CURRICULUM PROJECT.	
VT 010 887	5	VT 014 240 ED 058 396	24
A TO ZERO OF REFRIGERATION; A		THE WORLD OF MANUFACTURING.	
SIMPLE STORY OF MAN-MADE COLD.		INDUSTRIAL ARTS CURRICULUM	
		PROJECT.	
		VT 014 241 ED 058 397	25
		THE WORLD OF CONSTRUCTION.	
		INDUSTRIAL ARTS CURRICULUM	
		PROJECT.	

SUBJECT INDEX

	PAGE		PAGE
VT 014 242 ED 058 398 THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 1. INDUSTRIAL ARTS CURRICULUM PROJECT.	26	VT 014 872 ED 059 407 MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 1.	43
VT 014 243 ED 058 399 THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 2. INDUSTRIAL ARTS CURRICULUM PROJECT.	26	VT 015 201 TRANSPORTATION. UNIT FOR UPPER ELEMENTARY STUDENTS.	50
VT 014 244 ED 058 400 THE WORLD OF CONSTRUCTION, TEACHER'S GUIDE. INDUSTRIAL ARTS CURRICULUM PROJECT.	27	VT 015 223 CAREERS IN TECHNOLOGY. A RESOURCE UNIT FOR GRADES THREE AND FOUR.	51
VT 014 373 PERFORMANCE OBJECTIVE HANDBOOK, 1970-71.	29	VT 015 445 ED 062 577 INDUSTRIAL ARTS EDUCATION--INSTRUCTIONAL MATERIALS.	58
VT 014 506 COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.	31	VT 015 528 INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.	59
VT 014 573 INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.	33	VT 015 627 SUGGESTIONS FOR IMPLEMENTING AND ORGANIZING PREVOCATIONAL EDUCATION PROGRAMS FOR SOUTH CAROLINA. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	60
VT 014 600 FILMS FOR CLASSROOM TEACHING.	35	VT 015 755 ED 064 497 PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION.	63
VT 014 601 INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.	35	VT 015 820 ED 064 501 HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.	64
VT 014 642 ED 057 257 ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION AND ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION. ANNUAL INDEX 1970-71.	36	VT 016 253 TUNGSTEN INERT GAS (TIG) WELDING.	67
VT 014 844 BIBLIOGRAPHY OF INSTRUCTIONAL MATERIALS OF EXEMPLARY PROJECTS ON CAREER EDUCATION.	41	VT 016 524 ED 068 627 ABSTRACTS OF INSTRUCTIONAL MATERIALS FOR CAREER EDUCATION.	68

SUBJECT INDEX

	PAGE		PAGE
VT 016 648 ED 067 490	69	VT 101 476	114
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 4.		A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.	
VT 017 801 ED 069 919	80	VT 101 606	116
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 6, NUMBER 1.		INDUSTRIAL EDUCATION CURRICULUM DEVELOPMENT. INTERIM REPORT.	
VT 019 269	85	VT 102 100	121
MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.		THE CAREER PLAN PROCESS. A CURRICULUM MODEL FOR ORIENTATION TO THE INDUSTRIAL RELATED OCCUPATIONS FOR GRADES NINE AND TEN.	
VT 019 340 ED 073 324	85	<u>INSTRUCTIONAL MEDIA</u>	
ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.		VT 101 287	108
VT 100 122	88	LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.	
"WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.		<u>INSTRUCTIONAL PROGRAMS</u>	
VT 100 147	89	VT 101 223	10
HAND TOOLS FOR METALWORKING TRADES.		SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.	
VT 100 639	96	<u>INSTRUCTIONAL TELEVISION</u>	
CAREER EDUCATION CATALOG.		VT 017 522	76
VT 101 043	105	"CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.	
LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.		<u>INSTRUCTIONAL TRIPS</u>	
VT 101 239	107	VT 101 466	113
A GUIDE TO THE METRIC SYSTEM.		HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.	
VT 101 416	111	<u>INSTRUMENT FLIGHT INSTRUCTOR</u>	
THE OREGON VO-TECH MATH PROJECT, PHASE ONE OF TWO. FINAL REPORT.		VT 013 747	18
VT 101 455	113	INSTRUMENT FLIGHT INSTRUCTOR, WRITTEN TEST GUIDE.	
VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS. REVISED 1974.		<u>INTEGRATED CURRICULUM</u>	
		VT 015 433	58
		CAREER ORIENTATION 7-8.	

SUBJECT INDEX

	PAGE		PAGE
VT 017 165 ED 068 685 INDUSTRIAL ARTS IN THE ELEMENTARY SCHOOL PROGRAM: MOTIVATION FOR LEARNING IN KINDERGARTEN TO GRADE 4.	72	<u>INTERDISCIPLINARY APPROACH</u>	
VT 017 522 "CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.	76	VT 015 227 ED 063 463 INDUSTRIAL PREP, VOLUME ONE, SOPHOMORE YEAR--INTRODUCTION MATHEMATICS.	52
VT 100 455 SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.	91	VT 015 229 ED 063 465 INDUSTRIAL PREP, VOLUME THREE, JUNIOR YEAR--CONTENTS: PHYSICS AND ENGLISH.	52
VT 100 629 KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.	96	VT 015 230 ED 063 466 INDUSTRIAL PREP, VOLUME FOUR, JUNIOR YEAR--CONTENTS: MATHEMATICS AND GUIDANCE.	53
VT 100 853 WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.	100	<u>INTERMEDIATE GRADES</u>	
VT 100 854 WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.	100	VT 015 224 COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.	51
VT 100 855 WORLD OF COMMUNICATION. K-6.	100	VT 102 268 MAKING TOYS THROUGH TEAMWORK.	123
VT 100 857 PREPARING FOR THE WORLD OF WORK. K-6.	101	<u>JOB ANALYSIS</u>	
VT 100 907 ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.	102	VT 101 304 A COMPUTERIZED TASK INVENTORY SYSTEM FOR PROVIDING CURRICULUM CONTENT. CARPENTRY. FINAL REPORT.	109
VT 101 029 CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.	105	<u>JOB SKILLS</u>	
VT 101 206 OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE II - 7TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.	106	VT 015 827 ED 065 670 OFFICIAL OCCUPATIONAL SKILLS PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION. A HANDBOOK FOR THE OCCUPATIONAL SKILLS PROGRAM FOR SPECIAL EDUCATION STUDENTS.	65
VT 101 207 OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE I - 6TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.	106	<u>JOB TRAINING</u>	
		VT 101 819 CATALOG OF COURSES. TRAINING POLICIES AND PROCEDURES. ANNUAL SURVEY OF TRAINING NEEDS. IN-HOUSE, INTERAGENCY AND NON-GOVERNMENT COURSES.	118
		<u>JUNIOR HIGH SCHOOLS</u>	
		VT 002 976 UNDERSTANDING A BASIC TRANSISTOR RADIO.	2

SUBJECT INDEX

	PAGE		PAGE
VT 015 420 ED 066 555	57	VT 100 032	87
AMERICAN INDUSTRY INSTRUCTOR'S GUIDE. LEVEL I, PART 1 AND 2.		DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER (CONVERSION, TRANSMISSION AND UTILIZATION).	
VT 100 449	91		
A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOMEMAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.			
<u>KANSAS</u>		<u>LABORATORY EXPERIMENTS</u>	
VT 100 031	86	VT 101 299	109
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.		ELECTRONICS/ELECTRICITY. INSTRUCTOR'S DATA GUIDE.	
VT 100 032	87	<u>LABORATORY MANUALS</u>	
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER (CONVERSION, TRANSMISSION AND UTILIZATION).		VT 014 239 ED 058 395	24
		THE WORLD OF MANUFACTURING, LABORATORY MANUAL. INDUSTRIAL ARTS CURRICULUM PROJECT.	
		VT 014 242 ED 058 398	26
		THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 1. INDUSTRIAL ARTS CURRICULUM PROJECT.	
		VT 014 243 ED 058 399	26
		THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 2. INDUSTRIAL ARTS CURRICULUM PROJECT.	
		VT 014 940	46
		EXPLORATORY DRAFTING--PRINTING.	
		VT 014 942	47
		EXPLORATORY DRAFTING--COMMERCIAL ART.	
		VT 014 943	47
		EXPLORATORY DRAFTING--ELECTRONICS.	
		VT 014 944	48
		EXPLORATORY DRAFTING--CARPENTRY.	
		VT 014 945	48
		EXPLORATORY DRAFTING--AUTO BODY REPAIR.	
		VT 100 302	89
		INDUSTRIAL ARTS ELECTRICITY-ELECTRONICS WORKSHOP MANUAL.	

SUBJECT INDEX

	PAGE		PAGE
VT 101 299 ELECTRONICS/ELECTRICITY. INSTRUCTOR'S DATA GUIDE.	109	VT 015 639 ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	62
<u>LABORATORY TECHNIQUES</u>		VT 015 820 ED 064 501	64
VT 014 194 BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.	23	HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.	
<u>LANDSCAPING</u>		VT 016 677	70
VT 014 941 EXPLORATORY DRAFTING:--HORTICULTURE.	46	METALS AND MECHANICAL CLUSTERS.	
<u>LANGUAGE SKILLS</u>		VT 017 770 ED 069 918	79
VT 015 224 COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.	51	CAREER EDUCATION RESOURCE GUIDE.	
<u>LAPIDARY</u>		VT 100 455	91
VT 014 904 INDUSTRIAL ARTS--AN INTRODUCTION TO LAPIDARY.	44	SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.	
<u>LEARNING ACTIVITIES</u>		VT 101 440	112
VT 013 406 INDUSTRIAL ARTS, GRADES 9 THROUGH 12. (EXPERIMENTAL EDITION).	13	CAREER EDUCATION ACTIVITY GUIDE. NEW OPPORTUNITIES FOR WORK.	
VT 013 861 SHOP ORIENTATION, JOINT VENTURE.	22	VT 101 617	116
VT 015 233 THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.	54	WORLD OF WORK. VOLUME II. LEARNING PACKETS. FINAL REPORT.	
VT 015 629 METALWORKING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	60	<u>LEARNING ACTIVITY PACKAGES</u>	
VT 015 635 GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	61	VT 013 860	22
VT 015 638 MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	62	INTRODUCTION TO WOOD FINISHING.	
		VT 013 860	22
		INTRODUCTION TO WOOD FINISHING.	
		VT 013 861	22
		SHOP ORIENTATION, JOINT VENTURE.	
		<u>LEARNING LABORATORIES</u>	
		VT 015 411	55
		PITT COUNTY MIDDLE GRADES PROJECT, I-III.	
		<u>LEARNING THEORY</u>	
		VT 101 287	108
		LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.	

SUBJECT INDEX

	PAGE		PAGE
<u>LEGAL PROBLEMS</u>		<u>LOW COST INSTRUCTIONAL MATERIALS</u>	
VT 101 017	104	VT 101 043	105
STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.		LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.	
<u>LEGAL RESPONSIBILITY</u>		<u>LUMBER INDUSTRY</u>	
VT 016 760	70	VT 100 504	93
RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.		BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.	
VT 101 017	104	VT 101 822	119
STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.		A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.	
<u>LESSON PLANS</u>		<u>MACHINE TOOL OPERATORS</u>	
VT 013 101	10	VT 014 938	46
POWER MECHANICS I; INDUSTRIAL ARTS III. COURSES OF STUDY.		EXPLORATORY DRAFTING--MACHINE SHOP.	
VT 015 629	60	<u>MACHINE TOOLS</u>	
METALWORKING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		VT 017 069	71
VT 015 631	61	GENERAL INDUSTRIAL MACHINE SHOP.	
BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		VT 100 690	97
VT 015 632	61	MANUFACTURING CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	
POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		VT 101 602	115
VT 015 635	61	BASIC CONCEPTS IN NUMERICAL CONTROL.	
GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		VT 102 352	124
VT 017 073	71	FILMSTRIP DEVELOPMENT AS AN AID TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. FINAL REPORT.	
TEACHING SHOP AND LABORATORY SUBJECTS. THE MERRILL SERIES IN CAREER PROGRAMS.		<u>MACHINERY INDUSTRY</u>	
VT 101 615	116	VT 017 069	71
WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.		GENERAL INDUSTRIAL MACHINE SHOP.	
<u>LOUISIANA</u>		<u>MACHINISTS</u>	
VT 014 600	35	VT 014 938	46
FILMS FOR CLASSROOM TEACHING.		EXPLORATORY DRAFTING--MACHINE SHOP.	

SUBJECT INDEX

	PAGE		PAGE
<u>MAINTENANCE</u>			
VT 013 575	17	VT 015 820	64
SMALL ENGINES; CARE--OPERATION --MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.		HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.	
VT 017 409	73	VT 100 455	91
BUILDING MAINTENANCE WORKER. PREVOCATIONAL SERIES.		SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.	
<u>MANAGEMENT GAMES</u>			
VT 102 114	122	VT 101 811	118
A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT AND LINE PRODUCTION.		BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.	
<u>MANUALS</u>			
VT 013 001	9	<u>MANUFACTURING</u>	
INDUSTRIAL ARTS FOR THE '70'S. TEACHER'S MANUAL TV LESSON GUIDES. SUGGESTED GRADE SENIOR HIGH.		VT 013 284	11
VT 013 344	11	MASS PRODUCTION.	
THE DEVELOPMENT OF A TOTAL PROGRAM OF EDUCATION FOR THE WORLD OF WORK. PART III, FACILITIES AND EQUIPMENT GUIDE.		VT 017 316	73
VT 013 550	17	LET'S GO TO A PAPER MILL. LET'S GO SERIES.	
INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.		VT 017 519	75
VT 014 193	22	MANUFACTURING: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	
DRAFTING; A FIRST YEAR COURSE FOR THE COMPREHENSIVE SECONDARY SCHOOL.		VT 017 788	79
VT 014 200	23	FURNITURE INDUSTRY.	
ED 056 227		VT 020 552	85
GUIDELINES TO INITIATE AND OPERATE A COOPERATIVE VOCATIONAL EDUCATION PROGRAM.		MANUFACTURING UNIT. INTERMEDIATE LEVEL.	
VT 014 402	30	VT 100 867	101
SAFETY.		MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.	
VT 014 650	37	VT 101 419	111
ELECTRIC MOTORS--SELECTION, PROTECTION, AND DRIVES.		A MANUFACTURING MINI-UNIT CENTERED AROUND AN ORIGINAL PLAY.	
VT 014 892	43	VT 101 434	112
ED 060 218		GENERAL MATH TOPICS AND RELATED CAREERS.	
BEHAVIORAL OBJECTIVES TRAINING PACKAGE.		<u>MANUFACTURING INDUSTRY</u>	
VT 015 278	55	VT 014 239	24
TOOLS AND THEIR USES. RATE TRAINING MANUAL.		ED 058 395	
		THE WORLD OF MANUFACTURING, LABORATORY MANUAL. INDUSTRIAL ARTS CURRICULUM PROJECT.	
		VT 014 513	32
		CAREERS	
		UNLIMITED...MANUFACTURING--SCIEN	

SUBJECT INDEX

	PAGE		PAGE
VT 014 551	33	VT 015 230	53
CAREERS		ED 063 466	
UNLIMITED...MANUFACTURING--ENGLI		INDUSTRIAL PREP, VOLUME FOUR, JUNIOR YEAR--CONTENTS: MATHEMATICS AND GUIDANCE.	
<u>MARYLAND PLAN</u>		<u>MEASUREMENT</u>	
VT 102 114	122	VT 100 504	93
A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT AND LINE PRODUCTION.		BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.	
<u>MASONRY</u>		VT 100 512	93
VT 014 936	45	GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.	
EXPLORATORY DRAFTING--MASONRY.		VT 101 239	107
<u>MASS PRODUCTION</u>		A GUIDE TO THE METRIC SYSTEM.	
VT 013 284	11	<u>MEASUREMENT INSTRUMENTS</u>	
MASS PRODUCTION.		VT 013 087	10
VT 019 015	82	COOPERATIVE INDUSTRIAL ARTS TESTS SPECIMEN SET.	
HOW AUTOMOBILES ARE MADE.		VT 013 747	18
<u>MATHEMATICAL APPLICATIONS</u>		INSTRUMENT FLIGHT INSTRUCTOR, WRITTEN TEST GUIDE.	
VT 101 602	115	<u>MEASUREMENT TECHNIQUES</u>	
BASIC CONCEPTS IN NUMERICAL CONTROL.		VT 019 054	83
<u>MATHEMATICAL CONCEPTS</u>		BUSINESS EDUCATION: MECHANICAL DRAWING, GRADES 7-12.	
VT 100 504	93	VT 019 057	84
BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.		BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.	
<u>MATHEMATICAL VOCABULARY</u>		<u>MECHANICAL EQUIPMENT</u>	
VT 015 130	50	VT 015 941	65
INDUSTRIAL MATHEMATICS 1. AN INSTRUCTIONAL GUIDE FOR SENIOR HIGH SCHOOL.		VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.	
<u>MATHEMATICS</u>		<u>MECHANICS (PHYSICS)</u>	
VT 100 504	93	VT 100 476	92
BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.		MACHINES. UNIT III: FORCE AND MOTION. LEVEL: NINE. LESSON I: INDIVIDUAL STUDY GUIDE FOR STUDENT.	
<u>MATHEMATICS INSTRUCTION</u>		<u>MECHANICS (PROCESS)</u>	
VT 015 227	52	ED 063 463	
INDUSTRIAL PREP, VOLUME ONE, SOPHOMORE YEAR--INTRODUCTION MATHEMATICS.		VT 014 935	44
		EXPLORATORY DRAFTING--AUTO MECHANICS.	

SUBJECT INDEX

	PAGE		PAGE
<u>MEDIA TECHNOLOGY</u>			
VT 100 031	86	VT 019 167	84
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.		CURRICULUM GUIDE FOR BEGINNING METALS.	
<u>MEMPHIS CITY SCHOOLS</u>			
VT 100 609	94	<u>METRIC SYSTEM</u>	
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.		VT 100 305	90
		BASIC TRAINING GUIDE TO THE NEW METRICS AND SI UNITS.	
		VT 100 512	93
		GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.	
		VT 101 239	107
		A GUIDE TO THE METRIC SYSTEM.	
		VT 102 344	124
		METRIC EDUCATION. AN ANNOTATED BIBLIOGRAPHY FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION. BIBLIOGRAPHY SERIES NO. 26.	
<u>METAL WORKING OCCUPATIONS</u>			
VT 014 792	39	<u>MICROFICHE</u>	
COURSE OF STUDY FOR METAL FABRICATION.		VT 014 872	43
VT 015 629	60	ED 059 407	
METALWORKING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 1.	
VT 016 677	70	VT 016 648	69
METALS AND MECHANICAL CLUSTERS.		ED 067 490	
VT 019 167	84	MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 4.	
CURRICULUM GUIDE FOR BEGINNING METALS.		VT 017 801	80
VT 100 147	89	ED 069 919	
HAND TOOLS FOR METALWORKING TRADES.		MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 6, NUMBER 1.	
VT 100 690	97	<u>MODELS</u>	
MANUFACTURING CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		VT 013 406	13
<u>METALS</u>			
VT 011 665	8	INDUSTRIAL ARTS, GRADES 9 THROUGH 12. (EXPERIMENTAL EDITION).	
GENERAL METAL TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.			
VT 014 701	38		
ED 059 385			
CURRICULUM GUIDE FOR METALS.			
VT 019 057	84		
BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.			

SUBJECT INDEX

	PAGE		PAGE
VT 014 817 ED 061 429 K-12 CAREER EDUCATION GUIDE. VT 016 268 MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.	40 68	<u>OCCUPATIONAL CLUSTERS</u>	
<u>MOTOR VEHICLES</u>		VT 014 700 ED 059 384 CURRICULUM GUIDE FOR ELECTRICITY-ELECTRONICS.	37 38
VT 015 963 AUTO ASSEMBLY JOBS. WORLD OF WORK.	66	VT 014 701 ED 059 385 CURRICULUM GUIDE FOR METALS.	58
VT 017 412 AUTOMOBILE MECHANIC. PREVOCATIONAL SERIES.	74	VT 015 433 CAREER ORIENTATION 7-8.	63
VT 019 015 HOW AUTOMOBILES ARE MADE.	82	VT 015 788 INVESTIGATING CAREER OPPORTUNITIES FOR THE FUTURE. CURRICULUM GUIDE (TENTATIVE).	65
<u>MUSKEGON PUBLIC SCHOOLS</u>		VT 015 941 VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.	76
VT 101 007 COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.	104	VT 017 522 "CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.	96
VT 101 008 COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.	104	VT 100 629 KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.	104
VT 101 009 COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.	104	VT 101 007 COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.	104
<u>NATURAL RESOURCES</u>		VT 101 008 COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.	104
VT 100 122 "WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.	88	VT 101 009 COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.	104
<u>NEW JERSEY</u>		VT 101 046 GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.	105
VT 101 466 HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.	113	VT 101 406 CAREER AWARENESS K-6 (ELEMENTARY). DICTIONARY OF OCCUPATIONAL TITLES.	110
<u>NUMERICAL CONTROL</u>			
VT 101 602 BASIC CONCEPTS IN NUMERICAL CONTROL.	115		

SUBJECT INDEX

	PAGE		PAGE
VT 101 415	111	VT 014 513	32
HANDBOOK OF CAREER INFORMATION RESOURCES.		CAREERS UNLIMITED...MANUFACTURING--SCIEN	
<u>OCCUPATIONAL EXPLORATION</u>		VT 014 516	32
VT 014 391	29	CAREERS UNLIMITED...STRUCTURAL WORK--SOCIAL STUDIES.	
A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.		VT 014 551	33
VT 014 603	36	CAREERS UNLIMITED...MANUFACTURING--ENGLI	
ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.		VT 014 556	33
VT 015 820 ED 064 501	64	TRANSPORTATION CAREERS. GUIDED OCCUPATIONAL INFORMATION.	
HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.		VT 014 573	33
<u>OCCUPATIONAL GUIDANCE</u>		INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.	
VT 013 538	16	VT 014 603	36
COURSE OF STUDY FOR EDUCATION AND VOCATIONAL PLANNING.		ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.	
VT 013 817	19	VT 014 701 ED 059 385	38
PRE-VOCATIONAL. GRADE 10, CURRICULUM GUIDE.		CURRICULUM GUIDE FOR METALS.	
VT 014 597 ED 058 456	34	VT 015 223	51
EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.		CAREERS IN TECHNOLOGY. A RESOURCE UNIT FOR GRADES THREE AND FOUR.	
VT 015 438	58	VT 015 411	55
CAREER ORIENTATION 7-8.		PITT COUNTY MIDDLE GRADES PROJECT, I-III.	
VT 017 730	78	VT 015 536	59
WHO? WHAT? WHERE? HOW MUCH? COORDINATED VOCATIONAL ACADEMIC EDUCATION BIBLIOGRAPHY.		WORKERS IN HOUSE CONSTRUCTION.	
<u>OCCUPATIONAL INFORMATION</u>		VT 015 755 ED 064 497	63
VT 013 817	19	PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK.	
PRE-VOCATIONAL. GRADE 10, CURRICULUM GUIDE.		VOCATIONAL-TECHNICAL EDUCATION.	
VT 014 506	31	VT 015 808	64
COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.		AUTO MECHANICS. PREVOCATIONAL FEEDER PROGRAM FOR GRADES 7 AND 8.	
		VT 015 820 ED 064 501	64
		HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.	
		VT 015 963	66
		AUTO ASSEMBLY JOBS. WORLD OF WORK.	
		VT 017 125	72
		YOUR CAREER IN TRANSPORTATION.	
		VT 017 316	73
		LET'S GO TO A PAPER MILL. LET'S GO SERIES.	

SUBJECT INDEX

	PAGE		PAGE
VT 017 409 BUILDING MAINTENANCE WORKER. PREVOCATIONAL SERIES.	73	VT 101 466 HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.	113
VT 017 410 HOUSEHOLD APPLIANCE REPAIRMAN. PREVOCATIONAL SERIES.	74		
VT 017 411 AIR CONDITIONING REFRIGERATION REPAIRMAN. PREVOCATIONAL SERIES.	74	<u>OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970</u>	
VT 019 015 HOW AUTOMOBILES ARE MADE.	82	VT 018 890 ED 073 272 WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.	81
VT 019 135 CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.	84	<u>OCCUPATIONAL TESTS</u>	
VT 100 112 CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (QUIN-1). COURSE OUTLINE.	87	VT 013 538 COURSE OF STUDY FOR EDUCATION AND VOCATIONAL PLANNING.	16
VT 100 449 A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOME MAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.	91	<u>OCCUPATIONS</u>	
VT 100 609 A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.	94	VT 014 603 ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.	36
VT 100 629 KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.	96	VT 014 921 CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.	44
VT 100 907 ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.	102	VT 017 125 YOUR CAREER IN TRANSPORTATION.	71
VT 101 029 CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.	105	<u>OFF THE JOB TRAINING</u>	
VT 101 283 A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.	108	VT 101 819 CATALOG OF COURSES. TRAINING POLICIES AND PROCEDURES. ANNUAL SURVEY OF TRAINING NEEDS. IN-HOUSE, INTERAGENCY AND NON-GOVERNMENT COURSES.	118
		<u>OKLAHOMA</u>	
		VT 018 564 BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.	81
		<u>OMAHA PUBLIC SCHOOLS</u>	
		VT 100 853 WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.	100
		VT 100 854 WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.	100
		VT 100 855 WORLD OF COMMUNICATION. K-6.	100

SUBJECT INDEX

	PAGE		PAGE
VT 100 857 PREPARING FOR THE WORLD OF WORK. K-6.	101	<u>PERFORMANCE CONTRACTS</u> VT 015 808 AUTO MECHANICS. PREVOCATIONAL FEEDER PROGRAM FOR GRADES 7 AND 8.	64
<u>ORIENTATION</u> VT 013 861 SHOP ORIENTATION, JOINT VENTURE.	22	VT 101 606 INDUSTRIAL EDUCATION CURRICULUM DEVELOPMENT. INTERIM REPORT.	116
<u>ORIENTATION MATERIALS</u> VT 013 817 PRE-VOCATIONAL. GRADE 10, CURRICULUM GUIDE.	19	<u>PERFORMANCE CRITERIA</u> VT 100 049 BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.	87
<u>ORTHOGONAL PROJECTION</u> VT 013 509 TECHNICAL GRAPHICS.	14	VT 101 615 WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.	116
VT 013 659 DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.	18	<u>PERFORMANCE OBJECTIVES</u> VT 014 373 PERFORMANCE OBJECTIVE HANDBOOK, 1970-71.	29
<u>OSCILLOSCOPES</u> VT 014 194 BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.	23	<u>PHOTOCOMPOSITION</u> VT 018 307 GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).	80
<u>PACIFIC AREA DEPARTMENT OF DEFENSE SCHOOLS</u> VT 100 629 KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.	96	<u>PHYSICS CURRICULUM</u> VT 015 229 ED 063 465 INDUSTRIAL PREP, VOLUME THREE, JUNIOR YEAR--CONTENTS: PHYSICS AND ENGLISH.	52
<u>PAPER (MATERIAL)</u> VT 017 316 LET'S GO TO A PAPER MILL. LET'S GO SERIES.	73	<u>PLACEMENT</u> VT 013 550 ED 052 368 INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.	17
<u>PERFORMANCE BASED TEACHER EDUCATION</u> VT 101 487 VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.	114	<u>PLASTICS</u> VT 013 403 PLASTICS, 1-2.	13

SUBJECT INDEX

	PAGE		PAGE
VT 014 269	27	VT 100 032	87
PLASTICS EDUCATION GUIDE.		DEVELOPMENTS OF THE 1972	
VT 100 265	89	SUMMER WORKSHOP OF SECONDARY	
INDUSTRIAL PLASTICS. COURSE		EXPLORATION OF TECHNOLOGY	
CURRICULUM.		(INDEPENDENCE	
<u>POITAWATTAMIE COUNTY SCHOOL</u>		BURLINGTON-SHAWNEE MISSION). A	
<u>SYSTEM</u>		TRIAL 9TH AND/OR 10TH GRADE	
VT 100 639	96	INDUSTRIAL ARTS COURSE IN	
CAREER EDUCATION CATALOG.		POWER (CONVERSION, TRANSMISSION	
<u>POWER</u>		AND UTILIZATION).	
VT 017 637	77	VT 100 446	90
POWER: INDUSTRIAL EDUCATION		A GUIDE FOR TEACHING JUNIOR	
CURRICULUM GUIDE.		HIGH POWER MECHANICS.	
INSTRUCTIONAL MATERIALS FOR		VT 100 476	92
USE WITH DISADVANTAGED		MACHINES. UNIT III: FORCE AND	
STUDENTS IN VOCATIONAL		MOTION. LEVEL: NINE. LESSON I:	
EDUCATION.		INDIVIDUAL STUDY GUIDE FOR	
		STUDENT.	
<u>POWER MECHANICS</u>		<u>PRACTICAL MATHEMATICS</u>	
VT 010 886	4	VT 101 416	111
POWER GOES TO WORK IN THE		THE OREGON VO-TECH MATH	
AUTOMOBILE; AN INTRODUCTION TO		PROJECT, PHASE ONE OF TWO.	
THE TRANSMISSION OF POWER.		FINAL REPORT.	
VT 011 663	7	VT 101 434	112
GENERAL POWER TECHNOLOGY FOR		GENERAL MATH TOPICS AND	
INDUSTRIAL ARTS; A COURSE OF		RELATED CAREERS.	
STUDY FOR THE UPPER GRADES.		<u>PREVOCATIONAL EDUCATION</u>	
VT 013 101	10	VT 004 184	2
POWER MECHANICS I; INDUSTRIAL		SYLLABUS FOR PRE-VOCATIONAL	
ARTS III. COURSES OF STUDY.		AND VOCATIONAL EDUCATION	
VT 015 632	61	PROGRAMS FOR THE	
POWER MECHANICS. TEACHER'S		DISADVANTAGED.	
GUIDE. A UNIT IN PREVOCATIONAL		VT 015 755 ED 064 497	63
EDUCATION.		PRE-INDUSTRIAL PREPARATION	
VT 017 637	77	PROGRAM HANDBOOK.	
POWER: INDUSTRIAL EDUCATION		VOCATIONAL-TECHNICAL	
CURRICULUM GUIDE.		EDUCATION.	
INSTRUCTIONAL MATERIALS FOR		VT 015 827 ED 065 670	65
USE WITH DISADVANTAGED		OFFICIAL OCCUPATIONAL SKILLS	
STUDENTS IN VOCATIONAL		PROGRAM HANDBOOK.	
EDUCATION.		VOCATIONAL-TECHNICAL	
VT 100 006	86	EDUCATION. A HANDBOOK FOR THE	
POWER TECHNOLOGY: A CURRICULUM		OCCUPATIONAL SKILLS PROGRAM	
GUIDE FOR INDUSTRIAL ARTS.		FOR SPECIAL EDUCATION	
		STUDENTS.	

SUBJECT INDEX

	PAGE		PAGE
<u>PRINTING</u>		VT 101 811	118
VT 014 940	46	BOWLING GREEN CAREER EDUCATION	
EXPLORATION.		MANUAL FOR TEACHERS,	
DRAFTING--PRINTING.		COUNSELORS AND ADMINISTRATORS.	
VT 100 111	88	<u>PROGRAM EFFECTIVENESS</u>	
TECHNICAL MEDIA CLUSTER II: GRAPHIC		VT 100 840	99
ARTS, MEDIA CLUSTER II: PRODUCTION		BEHAVIORAL OBJECTIVES FOR	
PRINTING.		SELECTED UNITS IN DRAFTING.	
VT 100 692	98	<u>PROGRAM GUIDES</u>	
GRAPHICS AND COMMUNICATION		VT 014 843	41
MEDIA CLUSTER GUIDE.		INDUSTRIAL ARTS EDUCATION FOR	
VOCATIONAL EDUCATION/SPECIAL		LOUISIANA SCHOOLS.	
EDUCATION PROJECT.		VT 015 755 ED 064 497	63
<u>PRODUCTION TECHNICIANS</u>		PRE-INDUSTRIAL PREPARATION	
VT 015 963	66	PROGRAM HANDBOOK.	
AUTO ASSEMBLY JOBS. WORLD OF		VOCATIONAL-TECHNICAL	
WORK.		EDUCATION.	
<u>PRODUCTION TECHNIQUES</u>		VT 102 372	125
VT 017 316	73	SUGGESTED MASTER PLAN FOR	
LET'S GO TO A PAPER MILL.		INDUSTRIAL ARTS PROGRAMS IN	
LET'S GO SERIES.		NORTH DAKOTA SCHOOLS. FINAL	
<u>PROGRAM DESCRIPTIONS</u>		REPORT.	
VT 013 827	21	<u>PROGRAM IMPLEMENTATION</u>	
INDUSTRIAL ARTS, 1968.		VT 015 755 ED 064 497	63
PRELIMINARY EDITION.		PRE-INDUSTRIAL PREPARATION	
VT 017 466 ED 068 735	75	PROGRAM HANDBOOK.	
INDUSTRIOLOGY--THE SCIENCE OF		VOCATIONAL-TECHNICAL	
INDUSTRY.		EDUCATION.	
VT 100 449	91	<u>PROGRAM PLANNING</u>	
A CAREER ORIENTATION AND		VT 013 344	11
EXPLORATION GUIDE FOR TEACHERS		THE DEVELOPMENT OF A TOTAL	
OF PRACTICAL ARTS SUBJECTS:		PROGRAM OF EDUCATION FOR THE	
INDUSTRIAL ARTS, HOMEMAKING,		WORLD OF WORK. PART III,	
BUSINESS EDUCATION,		FACILITIES AND EQUIPMENT	
MIDDLE/JUNIOR HIGH SCHOOL. A		GUIDE.	
UNIT IN CAREER EDUCATION.		VT 014 200 ED 056 227	23
<u>PROGRAM DEVELOPMENT</u>		GUIDELINES TO INITIATE AND	
VT 014 200 ED 056 227	23	OPERATE A COOPERATIVE	
GUIDELINES TO INITIATE AND		VOCATIONAL EDUCATION PROGRAM.	
OPERATE A COOPERATIVE		VT 014 371	28
VOCATIONAL EDUCATION PROGRAM.		INDUSTRIAL ARTS, K-12+.	
VT 018 993 ED 073 288	82	VT 015 398	55
CAREER EDUCATION: A HANDBOOK		A PROPOSED INDUSTRIAL	
FOR PROGRAM INITIATION.		TECHNOLOGY CURRICULUM FOR THE	
		ALLEN ACADEMY.	

SUBJECT INDEX

	PAGE		PAGE
VT 015 627	60	<u>PROJECT SAVE</u>	
SUGGESTIONS FOR IMPLEMENTING AND ORGANIZING PREVOCAIONAL EDUCATION PROGRAMS FOR SOUTH CAROLINA. TEACHER'S GUIDE. A UNIT IN PREVOCAIONAL EDUCATION.		VT 100 907	102
VT 017 702	78	ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.	
A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.		<u>PROJECT TRAINING METHODS</u>	
VT 100 670	97	VT 015 420 ED 066 555	57
WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION, K-12.		AMERICAN INDUSTRY INSTRUCTOR'S GUIDE. LEVEL I, PART 1 AND 2.	
<u>PROGRAMED INSTRUCTION</u>		<u>PUBLIC HEALTH LAWS</u>	
VT 011 153	5	VT 016 760	70
THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS I-V.		RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.	
VT 017 409	73	<u>PUBLICATIONS</u>	
BUILDING MAINTENANCE WORKER. PREVOCAIONAL SERIES.		VT 100 916	103
VT 017 410	74	BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.	
HOUSEHOLD APPLIANCE REPAIRMAN. PREVOCAIONAL SERIES.		<u>PUBLISHING INDUSTRY</u>	
VT 017 411	74	VT 100 113	88
AIR CONDITIONING REFRIGERATION REPAIRMAN. PREVOCAIONAL SERIES.		TECHNICAL CLUSTER II: GRAPHIC ARTS, VOLUME F: PRODUCTION PRINTING.	
VT 017 412	74	<u>READING SKILLS</u>	
AUTOMOBILE MECHANIC. PREVOCAIONAL SERIES.		VT 013 751	19
<u>PROGRAMED MATERIALS</u>		A GUIDE TO HELP THE STUDENT STUDY.	
VT 011 153	5	<u>RECORDKEEPING</u>	
THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS I-V.		VT 016 760	70
VT 100 585	94	RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.	
A LISTING OF PROGRAMMED INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION.		VT 018 890 ED 073 272	81
<u>PROGRAMED TEXTS</u>		WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.	
VT 100 458	91	<u>REFERENCE MATERIALS</u>	
SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.		VT 014 402	30
		SAFETY.	
		VT 100 916	103
		BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.	

SUBJECT INDEX

	PAGE		PAGE
VT 102 344	124	VT 015 445	58
METRIC EDUCATION. AN ANNOTATED BIBLIOGRAPHY FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION. BIBLIOGRAPHY SERIES NO. 26.		ED 062 577	
		INDUSTRIAL ARTS EDUCATION--INSTRUCTIONAL MATERIALS.	
<u>REFRIGERATION</u>		VT 015 627	60
VT 010 887	5	SUGGESTIONS FOR IMPLEMENTING AND ORGANIZING PREVOCATIONAL EDUCATION PROGRAMS FOR SOUTH CAROLINA. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
A TO ZERO OF REFRIGERATION; A SIMPLE STORY OF MAN-MADE COLD.		VT 016 029	67
<u>REFRIGERATION MECHANICS</u>		GUIDE TO FEDERAL CAREER LITERATURE.	
VT 017 411	74	VT 017 770	79
AIR CONDITIONING REFRIGERATION REPAIRMAN. PREVOCATIONAL SERIES.		ED 069 918	
<u>RELEVANCE (EDUCATION)</u>		CAREER EDUCATION RESOURCE GUIDE.	
VT 100 473	91	VT 018 993	82
THE TEACHER'S ROLE IN CAREER DEVELOPMENT.		ED 073 288	
<u>REPAIR</u>		CAREER EDUCATION: A HANDBOOK FOR PROGRAM INITIATION.	
VT 017 409	73	VT 100 616	95
BUILDING MAINTENANCE WORKER. PREVOCATIONAL SERIES.		A PREVIEW OF AUDIO VISUAL MATERIALS FOR ENVIRONMENTAL EDUCATORS.	
VT 017 411	74	VT 101 029	105
AIR CONDITIONING REFRIGERATION REPAIRMAN. PREVOCATIONAL SERIES.		CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.	
<u>REPROGRAPHY</u>		VT 101 043	105
VT 100 113	88	LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.	
TECHNICAL CLUSTER II: GRAPHIC ARTS, VOLUME F: PRODUCTION PRINTING.		VT 101 415	111
<u>RESOURCE GUIDES</u>		HANDBOOK OF CAREER INFORMATION RESOURCES.	
VT 013 423	13	VT 102 114	122
SAFETY EDUCATION IN IDAHO SCHOOLS.		A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT ON LINE PRODUCTION.	
VT 014 984	48	<u>RESOURCE MATERIALS</u>	
ED 061 444		VT 007 863	2
ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.		INDUSTRIAL ARTS GENERAL, 10, 20, 30. CURRICULUM GUIDE.	
VT 014 991	49	VT 014 227	24
ED 062 519		RECOMMENDED MINIMUM AEROSPACE MATERIALS FOR A SCHOOL SYSTEM.	
FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.		VT 014 269	27
		PLASTICS EDUCATION GUIDE.	
		VT 014 373	29
		PERFORMANCE OBJECTIVE HANDBOOK, 1970-71.	

SUBJECT INDEX

	PAGE		PAGE
VT 014 506	31	<u>ROCKETRY</u>	
COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.		VT 014 596 ED 058 455	34
VT 014 596 ED 058 455	34	EXPLORING IN AEROSPACE ROCKETRY. AN INTRODUCTION TO THE FUNDAMENTALS OF ROCKETRY.	
VT 014 601	35	<u>ROLE PLAYING</u>	
INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.		VT 015 233	54
VT 014 991 ED 062 519	49	THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.	
FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.		<u>SAFETY</u>	
VT 019 015	82	VT 018 890 ED 073 272	81
HOW AUTOMOBILES ARE MADE.		WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.	
VT 100 616	95	VT 100 644	96
A PREVIEW OF AUDIO VISUAL MATERIALS FOR ENVIRONMENTAL EDUCATORS.		INDUSTRIAL EDUCATION SAFETY GUIDE. RECOMMENDATIONS AND UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS.	
VT 100 618	95	<u>SAFETY EDUCATION</u>	
AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.		VT 013 365	1
VT 100 916	103	SAFETY TRAINING TECHNIQUES IN THE CLASSROOM.	
BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.		VT 013 423	13
VT 101 415	111	SAFETY EDUCATION IN IDAHO SCHOOLS.	
HANDBOOK OF CAREER INFORMATION RESOURCES.		VT 014 402	30
<u>RESOURCE UNITS</u>		SAFETY.	
VT 015 223	51	VT 016 659	70
CAREERS IN TECHNOLOGY. A RESOURCE UNIT FOR GRADES THREE AND FOUR.		SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.	
VT 101 811	118	VT 100 644	96
BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.		INDUSTRIAL EDUCATION SAFETY GUIDE. RECOMMENDATIONS AND UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS.	
<u>ROAD CONSTRUCTION</u>		<u>SAN DIEGO CITY SCHOOLS</u>	
VT 017 298	73	VT 100 446	90
CONSTRUCTION AHEAD.		A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.	

SUBJECT INDEX

	PAGE		PAGE
<u>SCHOOL INDUSTRY RELATIONSHIP</u>		<u>SEMANTICS</u>	
VT 101 666	117	VT 101 445	112
RESEARCH OF AFFECT OF VISUAL MATERIALS IN MANUFACTURING PROCESS ON LEARNING. FINAL REPORT.		VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.	
<u>SCHOOL SAFETY</u>		<u>SENIOR HIGH SCHOOLS</u>	
VT 013 423	13	VT 013 847	21
SAFETY EDUCATION IN IDAHO SCHOOLS.		HIGH SCHOOL DRAFTING, COURSE OF STUDY.	
VT 014 402	30	<u>SHEET METAL WORKERS</u>	
SAFETY.		VT 014 937	45
VT 101 017	104	EXPLORATORY DRAFTING--SHEET METAL.	
STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.		<u>SHOP CURRICULUM</u>	
<u>SCHOOL SHOPS</u>		VT 014 850	42
VT 013 861	22	AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.	
SHOP ORIENTATION, JOINT VENTURE.		VT 014 851	42
<u>SCIENCE ACTIVITIES</u>		AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.	
VT 100 913	103	VT 015 227 ED 063 463	52
BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.		INDUSTRIAL PREP, VOLUME ONE, SOPHOMORE YEAR--INTRODUCTION MATHEMATICS.	
<u>SCIENCE EDUCATION</u>		VT 017 069	71
VT 014 513	32	GENERAL INDUSTRIAL MACHINE SHOP.	
CAREERS UNLIMITED...MANUFACTURING--SCIEN		VT 017 073	71
<u>SECONDARY GRADES</u>		TEACHING SHOP AND LABORATORY SUBJECTS. THE MERRILL SERIES IN CAREER PROGRAMS.	
VT 015 614	59	VT 017 185 ED 068 685	72
ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.		INDUSTRIAL ARTS IN THE ELEMENTARY SCHOOL PROGRAM: MOTIVATION FOR LEARNING IN KINDERGARTEN TO GRADE 4.	
VT 015 788	63		
INVESTIGATING CAREER OPPORTUNITIES FOR THE FUTURE. CURRICULUM GUIDE (TENTATIVE).			
<u>SELF AWARENESS</u>			
VT 017 410	74		
HOUSEHOLD APPLIANCE REPAIRMAN. PREVOCATIONAL SERIES.			

SUBJECT INDEX

	PAGE		PAGE
VT 100 480	92	<u>SOCIAL STUDIES</u>	
AN APPROACH TO PROPOSED CURRICULUM REVISION OF INDUSTRIAL ARTS PROGRAMS AT THE SECONDARY LEVEL.		VT 014 516	32
VT 100 913	103	CAREERS UNLIMITED...STRUCTURAL WORK--SOCIAL STUDIES.	
BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.		<u>SOCIAL STUDIES UNITS</u>	
VT 101 606	116	VT 015 231 ED 063 467	54
INDUSTRIAL EDUCATION CURRICULUM DEVELOPMENT. INTERIM REPORT.		INDUSTRIAL PREP, VOLUME FIVE, SENIOR YEAR--ENGLISH, CHEMISTRY, SOCIAL STUDIES, AND OCCUPATIONAL RELATIONS.	
VT 102 352	124	<u>SOUTHERN STATES</u>	
FILMSTRIP DEVELOPMENT AS AN AID TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. FINAL REPORT.		VT 101 822	119
<u>SIMULATION</u>		A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.	
VT 013 284	11	<u>SOUTHINGTON PUBLIC SCHOOLS</u>	
MASS PRODUCTION.		VT 100 455	91
VT 015 421	57	SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.	
OVT EXPLORATORY PROGRAM. PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.		<u>SPECIAL EDUCATION</u>	
VT 015 788	63	VT 015 827 ED 065 670	65
INVESTIGATING CAREER OPPORTUNITIES FOR THE FUTURE. CURRICULUM GUIDE (TENTATIVE).		OFFICIAL OCCUPATIONAL SKILLS PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION. A HANDBOOK FOR THE OCCUPATIONAL SKILLS PROGRAM FOR SPECIAL EDUCATION STUDENTS.	
<u>SKILL DEVELOPMENT</u>		<u>SPEECHES</u>	
VT 015 398	55	VT 013 483 ED 053 312	14
A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.		AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.	
<u>SKILL NEEDS</u>		<u>STANDARDIZED TESTS</u>	
VT 014 513	32	VT 013 087	10
CAREERS UNLIMITED...MANUFACTURING--SCIENCE		COOPERATIVE INDUSTRIAL ARTS TEST. SPECIMEN SET.	
<u>SLOW LEARNERS</u>		<u>STANDARDS</u>	
VT 013 659	18	VT 100 512	93
DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.		GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.	

SUBJECT INDEX

	PAGE		PAGE
VT 100 644	96	<u>STATE PROGRAMS</u>	
INDUSTRIAL EDUCATION SAFETY GUIDE. RECOMMENDATIONS AND UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS.		VT 102 372	125
<u>STATE CURRICULUM GUIDES</u>		SUGGESTED MASTER PLAN FOR INDUSTRIAL ARTS PROGRAMS IN NORTH DAKOTA SCHOOLS. FINAL REPORT.	
VT 010 610	3	<u>STUDENT CENTERED CURRICULUM</u>	
AMERICAN INDUSTRIES FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES. SECOND EDITION.		VT 015 421	57
VT 011 660	6	OVT EXPLORATORY PROGRAM. PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.	
GENERAL GRAPHIC ARTS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.		<u>STUDENT DEVELOPED MATERIALS</u>	
VT 011 661	6	VT 017 730	78
GENERAL ELECTRICITY-ELECTRONICS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.		WHO? WHAT? WHERE? HOW MUCH? COORDINATED VOCATIONAL ACADEMIC EDUCATION BIBLIOGRAPHY.	
VT 011 662	7	<u>STUDENT EVALUATION</u>	
GENERAL DRAFTING TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.		VT 013 687	10
VT 011 663	7	COOPERATIVE INDUSTRIAL ARTS TESTS SPECIMEN SET.	
GENERAL POWER TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.		<u>STUDENT PROJECTS</u>	
VT 011 664	7	VT 015 528	59
GENERAL WOOD TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.		INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.	
VT 011 665	8	<u>STUDY GUIDES</u>	
GENERAL METAL TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.		VT 013 747	18
VT 014 371	28	INSTRUMENT FLIGHT INSTRUCTOR, WRITTEN TEST GUIDE.	
INDUSTRIAL ARTS, K-12		VT 013 751	1
VT 018 564	81	A GUIDE TO HELP THE STUDENT STUDY.	
BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.		VT 014 513	32
VT 101 412	110	CAREERS UNLIMITED...MANUFACTURING--SCIEN	
INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.		VT 014 516	32
		CAREERS UNLIMITED...STRUCTURAL WORK--SOCIAL STUDIES.	
		VT 014 551	33
		CAREERS UNLIMITED...MANUFACTURING--ENGLI	
		VT 014 935	44
		EXPLORATORY DRAFTING--AUTO MECHANICS.	

SUBJECT INDEX

	PAGE		PAGE
VT 014 936	45	<u>SUPPLEMENTARY TEXTBOOKS</u>	
EXPLORATORY DRAFTING--MASONRY.		VT 013 423	13
VT 014 937	45	SAFETY EDUCATION IN IDAHO	
EXPLORATORY DRAFTING--SHEET		SCHOOLS.	
METAL.			
VT 014 938	46	<u>TAPE RECORDINGS</u>	
EXPLORATORY DRAFTING--MACHINE		VT 014 600	35
SHOP.		FILMS FOR CLASSROOM TEACHING.	
VT 014 941	46		
EXPLORATORY		<u>TASK ANALYSIS</u>	
DRAFTING:-HORTICULTURE.		VT 101 304	109
VT 015 001	49	A COMPUTERIZED TASK INVENTORY	
BASIC ELECTRICITY STUDY		SYSTEM FOR PROVIDING	
COURSE.		CURRICULUM CONTENT. CARPENTRY.	
VT 015 278	55	FINAL REPORT.	
TOOLS AND THEIR USES. RATE			
TRAINING MANUAL.		<u>TEACHER ATTITUDES</u>	
VT 100 310	90	VT 100 473	91
INDIVIDUALIZED CURRICULUM FOR		THE TEACHER'S ROLE IN CAREER	
ELECTRONICS.		DEVELOPMENT.	
VT 100 458	91		
SMALL GASOLINE ENGINES. FLOAT		<u>TEACHER DEVELOPED MATERIALS</u>	
TYPE CARBUKETOR REPAIR: AN		VT 012 170	8
INDIVIDUAL INSTRUCTION MANUAL.		TEACHING IDEAS FOR AVIATION	
VT 100 849	99	EDUCATION. VOLUME II.	
ELEMENTARY ARC WELDING SKILLS.		VT 101 416	111
VT 101 602	115	THE OREGON VO-TECH MATH	
BASIC CONCEPTS IN NUMERICAL		PROJECT, PHASE ONE OF TWO.	
CONTROL.		FINAL REPORT.	
		VT 101 666	117
<u>STUDY HABITS</u>		RESEARCH OF AFFECT OF VISUAL	
VT 013 751	19	MATERIALS IN MANUFACTURING	
A GUIDE TO HELP THE STUDENT		PROCESS ON LEARNING. FINAL	
STUDY.		REPORT.	
		<u>TEACHER EDUCATION</u>	
<u>STUDY SKILLS</u>		VT 017 077	72
VT 013 751	19	INDUSTRIAL ARTS IN GENERAL	
A GUIDE TO HELP THE STUDENT		EDUCATION.	
STUDY.		VT 100 473	91
		THE TEACHER'S ROLE IN CAREER	
<u>SUCCESS FACTORS</u>		DEVELOPMENT.	
VT 101 332	109		
ELEMENTARY CRAFTS PROGRAM		<u>TEACHER EDUCATION CURRICULUM</u>	
(FORMERLY OTHER LADDERS).		VT 017 077	72
FINAL REPORT.		INDUSTRIAL ARTS IN GENERAL	
		EDUCATION.	
<u>SUPPLEMENTARY READING MATERIALS</u>			
VT 017 788	79		
FURNITURE INDUSTRY.			

SUBJECT INDEX

	PAGE		PAGE
<u>TEACHER RESPONSIBILITY</u>		VT 011 661	6
VT 101 017	104	GENERAL	
STUDENT INJURY AND TEACHER		ELECTRICITY-ELECTRONICS	
LIABILITY. A		TECHNOLOGY FOR INDUSTRIAL	
SELF-INSTRUCTIONAL UNIT.		ARTS; A COURSE OF STUDY FOR	
		THE UPPER GRADES.	
<u>TEACHER ROLE</u>		VT 011 662	7
VT 100 473	91	GENERAL DRAFTING TECHNOLOGY	
THE TEACHER'S ROLE IN CAREER		FOR INDUSTRIAL ARTS; A COURSE	
DEVELOPMENT.		OF STUDY FOR THE UPPER GRADES.	
<u>TEACHER WORKSHOPS</u>		VT 011 663	7
VT 100 031	86	GENERAL POWER TECHNOLOGY FOR	
DEVELOPMENTS OF THE 1972		INDUSTRIAL ARTS; A COURSE OF	
SUMMER WORKSHOP OF SCIENTIFIC		STUDY FOR THE UPPER GRADES.	
EXPLORATION OF TECHNOLOGY		VT 011 664	7
(INDEPENDENCE		GENERAL WOOD TECHNOLOGY FOR	
BURLINGTON-SHAWNEE MISSION). A		INDUSTRIAL ARTS; A COURSE OF	
TRIAL 9TH AND/OR 10TH GRADE		STUDY FOR THE UPPER GRADES.	
INDUSTRIAL ARTS COURSE IN		VT 011 665	8
COMMUNICATIONS TECHNOLOGY.		GENERAL METAL TECHNOLOGY FOR	
VT 100 032	87	INDUSTRIAL ARTS; A COURSE OF	
DEVELOPMENTS OF THE 1972		STUDY FOR THE UPPER GRADES.	
SUMMER WORKSHOP OF SECONDARY		VT 011 033	9
EXPLORATION OF TECHNOLOGY		INDUSTRIAL ARTS CURRICULUM	
(INDEPENDENCE		GUIDE FOR GRAPHIC ARTS IN OHIO	
BURLINGTON-SHAWNEE MISSION). A		SCHOOLS.	
TRIAL 9TH AND/OR 10TH GRADE		VT 013 101	10
INDUSTRIAL ARTS COURSE IN		POWER MECHANICS I; INDUSTRIAL	
POWER (CONVERSION, TRANSMISSION		ARTS III. COURSES OF STUDY.	
AND UTILIZATION).		VT 013 284	11
VT 100 302	89	MASS PRODUCTION.	
INDUSTRIAL ARTS		VT 013 363	12
ELECTRICITY-ELECTRONICS		AERONAUTICAL SCIENCE COURSE OF	
WORKSHOP MANUAL.		STUDY.	
<u>TEACHING GUIDES</u>		VT 013 403	13
VT 002 976	2	PLASTICS, 1-2.	
UNDERSTANDING A BASIC		VT 013 520	15
TRANSISTOR RADIO.		UNIFIED ARTS, COURSE OF STUDY.	
VT 010 610	3	VT 013 538	16
AMERICAN INDUSTRIES FOR		COURSE OF STUDY FOR EDUCATION	
INDUSTRIAL ARTS; A COURSE OF		AND VOCATIONAL PLANNING.	
STUDY FOR THE UPPER GRADES.		VT 013 547	17
SECOND EDITION.		INDUSTRIAL WOODWORKING, AN	
VT 011 660	6	INSTRUCTIONAL GUIDE.	
GENERAL GRAPHIC ARTS		VT 013 758	19
TECHNOLOGY FOR INDUSTRIAL		SCREEN PROCESS PRINTING.	
ARTS; A COURSE OF STUDY FOR		VT 014 193	22
THE UPPER GRADES.		DRAFTING; A FIRST YEAR COURSE	
		FOR THE COMPREHENSIVE	
		SECONDARY SCHOOL.	

SUBJECT INDEX

	PAGE		PAGE
VT 014 194	23	VT 015 631	61
BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.		BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
VT 014 244 ED 058 400	27	VT 015 632	61
THE WORLD OF CONSTRUCTION, TEACHER'S GUIDE. INDUSTRIAL ARTS CURRICULUM PROJECT.		POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
VT 014 602	35	VT 015 635	61
INDUSTRIAL EDUCATION COURSE OUTLINE: AUTO MECHANICS 3-4.		GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
VT 014 603	36	VT 015 636	62
ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.		AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
VT 015 130	50	VT 015 808	64
INDUSTRIAL MATHEMATICS 1. AN INSTRUCTIONAL GUIDE FOR SENIOR HIGH SCHOOL.		AUTO MECHANICS. PREVOCATIONAL FEEDER PROGRAM FOR GRADES 7 AND 8.	
VT 015 201	50	VT 015 827 ED 065 670	65
TRANSPORTATION. UNIT FOR UPPER ELEMENTARY STUDENTS.		OFFICIAL OCCUPATIONAL SKILLS PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION. A HANDBOOK FOR THE OCCUPATIONAL SKILLS PROGRAM FOR SPECIAL EDUCATION STUDENTS.	
VT 015 227 ED 063 463	52	VT 015 941	65
INDUSTRIAL PREP, VOLUME ONE, SOPHOMORE YEAR--INTRODUCTION MATHEMATICS.		VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.	
VT 015 229 ED 063 465	52	VT 016 268	68
INDUSTRIAL PREP, VOLUME THREE, JUNIOR YEAR--CONTENTS: PHYSICS AND ENGLISH.		MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.	
VT 015 230 ED 063 466	53	VT 017 522	76
INDUSTRIAL PREP, VOLUME FOUR, JUNIOR YEAR--CONTENTS: MATHEMATICS AND GUIDANCE.		"CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.	
VT 015 231 ED 063 467	54	VT 020 552	85
INDUSTRIAL PREP, VOLUME FIVE, SENIOR YEAR--ENGLISH, CHEMISTRY, SOCIAL STUDIES, AND OCCUPATIONAL RELATIONS.		MANUFACTURING UNIT. INTERMEDIATE LEVEL.	
VT 015 233	54		
THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.			
VT 015 420 ED 066 555	57		
AMERICAN INDUSTRY INSTRUCTOR'S GUIDE. LEVEL I, PART 1 AND 2.			
VT 015 629	60		
METALWORKING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.			

SUBJECT INDEX

	PAGE		PAGE
VT 100 031	86	VT 100 854	100
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.		WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.	
VT 100 032	87	VT 100 857	101
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER (CONVERSION, TRANSMISSION AND UTILIZATION).		PREPARING FOR THE WORLD OF WORK. K-6.	
VT 100 122	88	VT 100 867	101
"WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.		MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.	
VT 100 265	89	VT 100 912	102
INDUSTRIAL PLASTICS. COURSE CURRICULUM.		BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	
VT 100 446	90	VT 100 913	103
A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.		BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	
VT 100 615	94	VT 101 046	105
COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.		GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.	
VT 100 690	97	VT 101 299	109
MANUFACTURING CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		ELECTRONICS/ELECTRICITY. INSTRUCTOR'S DATA GUIDE.	
VT 100 692	98	VT 101 412	110
GRAPHICS AND COMMUNICATION MEDIA CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.	
VT 100 696	98	VT 101 440	112
AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		CAREER EDUCATION ACTIVITY GUIDE. NEW OPPORTUNITIES FOR WORK.	
VT 100 698	99	VT 101 466	113
CONSTRUCTION CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.	
		VT 101 980	119
		LEARNING EXPERIENCES IN TECHNOLOGY. BOOK I FOR GRADES K-2.	
		VT 101 981	120
		LEARNING EXPERIENCES IN TECHNOLOGY. BOOK II FOR GRADES 3 AND 4.	

SUBJECT INDEX

	PAGE		PAGE
VT 101 982	120	VT 014 872	43
LEARNING EXPERIENCES IN TECHNOLOGY. BOOK III FOR GRADES 5 AND 6.		ED 059 407	
VT 102 012	121	MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 1.	
CAREER EDUCATION STUDY UNIT. BRIDGEPORT'S EXEMPLARY PROJECT IN CAREER EDUCATION 1973-1974.		VT 015 755	63
VT 102 260	123	ED 064 497	
CAREERS IN TECHNOLOGY.		PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION.	
VT 102 261	123	VT 016 648	69
WORKING WITH TREES.		ED 067 490	
VT 102 268	123	MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 4.	
MAKING TOYS THROUGH TEAMWORK.		VT 017 801	80
<u>TEACHING PROCEDURES</u>		ED 069 919	
VT 101 603	115	MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 6, NUMBER 1.	
TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.		VT 100 914	103
<u>TEACHING TECHNIQUES</u>		BLUEPRINT READING AND SKETCHING FOR GLASS TECHNOLOGY.	
VT 010 642	3	<u>TECHNICAL MATHEMATICS</u>	
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME 1.		VT 015 130	50
VT 012 170	8	INDUSTRIAL MATHEMATICS 1. AN INSTRUCTIONAL GUIDE FOR SENIOR HIGH SCHOOL.	
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME II.		<u>TECHNOLOGICAL ADVANCEMENT</u>	
VT 101 287	108	VT 100 615	94
LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.		COPIING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.	
VT 101 603	115	<u>TECHNOLOGY</u>	
TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.		VT 015 223	51
<u>TEAM TEACHING</u>		CAREERS IN TECHNOLOGY. A RESOURCE UNIT FOR GRADES THREE AND FOUR.	
VT 015 421	57		
OVT EXPLORATORY PROGRAM. PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.			
<u>TECHNICAL EDUCATION</u>			
VT 010 642	3		
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME 1.			
VT 010 643	4		
AN INTRODUCTORY AVIATION COURSE GUIDE.			
VT 012 170	8		
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME II.			

SUBJECT INDEX

	PAGE		PAGE
VT 100 006	86	<u>TRADE AND INDUSTRIAL EDUCATION</u>	
POWER TECHNOLOGY: A CURRICULUM GUIDE FOR INDUSTRIAL ARTS.		VT 013 547	17
VT 100 481	92	INDUSTRIAL WOODWORKING, AN INSTRUCTIONAL GUIDE.	
A PROPOSED CURRICULUM IN TECHNOLOGY: THE "WORLD OF WORK" AND CAREERS. UNDATED WORKING PAPER.		VT 014 193	22
VT 102 260	123	DRAFTING; A FIRST YEAR COURSE FOR THE COMPREHENSIVE SECONDARY SCHOOL.	
CAREERS IN TECHNOLOGY.		VT 014 650	37
<u>TEXTBOOK PUBLICATIONS</u>		ELECTRIC MOTORS--SELECTION, PROTECTION, AND DRIVES.	
VT 100 585	94	VT 014 791	39
A LISTING OF PROGRAMMED INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION.		COURSE OF STUDY FOR BUILDING CONSTRUCTION.	
<u>TEXTBOOKS</u>		VT 015 001	49
VT 013 575	17	BASIC ELECTRICITY STUDY COURSE.	
SMALL ENGINES; CARE--OPERATION -MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.		VT 015 278	55
VT 014 240 ED 058 396	24	TOOLS AND THEIR USES. RATE TRAINING MANUAL.	
THE WORLD OF MANUFACTURING. INDUSTRIAL ARTS CURRICULUM PROJECT.		VT 015 614	59
VT 014 556	33	ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.	
TRANSPORTATION CAREERS. GUIDED OCCUPATIONAL ORIENTATION.		VT 015 808	64
VT 014 596 ED 058 455	34	AUTO MECHANICS. PREVOCATIONAL FEEDER PROGRAM FOR GRADES 7 AND 8.	
EXPLORING IN AEROSPACE ROCKETRY. AN INTRODUCTION TO THE FUNDAMENTALS OF ROCKETRY.		VT 015 941	65
VT 014 597 ED 058 456	34	VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.	
EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.		VT 016 375	68
VT 017 069	71	COURSE OUTLINE FOR GENERAL WOODWORKING.	
GENERAL INDUSTRIAL MACHINE SHOP.		VT 016 658	69
<u>TIMED TESTS</u>		COMMUNICATIONS: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	
VT 013 087	10	VT 017 412	74
COOPERATIVE INDUSTRIAL ARTS TESTS SPECIMEN SET.		AUTOMOBILE MECHANIC. PREVOCATIONAL SERIES.	
<u>TOYS</u>		VT 017 519	75
VT 102 268	123	MANUFACTURING: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	
MAKING TOYS THROUGH TEAMWORK.			

SUBJECT INDEX

	PAGE		PAGE
VT 017 520 CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	76	VT 101 455 VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS. REVISED 1974.	113
VT 017 637 POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	77	<u>TRADE AND INDUSTRIAL TEACHERS</u> VT 017 673 TEACHING SHOP AND LABORATORY SUBJECTS. THE MERRILL SERIES IN CAREER PROGRAMS.	71
VT 018 482 DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.	80	<u>TRAINING TECHNIQUES</u> VT 013 365 SAFETY TRAINING TECHNIQUES IN THE CLASSROOM.	12
VT 018 564 BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.	81	<u>TRANSFER OF TRAINING</u> VT 101 287 LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.	108
VT 100 147 HAND TOOLS FOR METALWORKING TRADES.	89	<u>TRANSMISSION OF POWER</u> VT 010 886 POWER GOES TO WORK IN THE AUTOMOBILE; AN INTRODUCTION TO THE TRANSMISSION OF POWER.	
VT 100 458 SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.	91	<u>TRANSPARENCIES</u> VT 018 307 GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).	80
VT 100 696 AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	98	<u>TRANSPORTATION</u> VT 014 556 TRANSPORTATION CAREERS. GUIDED OCCUPATIONAL ORIENTATION.	33
VT 100 698 CONSTRUCTION CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	99	VT 015 201 TRANSPORTATION. UNIT FOR UPPER ELEMENTARY STUDENTS.	50
VT 100 849 ELEMENTARY ARC WELDING SKILLS.	99		
VT 101 443 BACKGROUND FOR BUILDERS - RELATED SCIENCE AND TRADE INFORMATION FOR THE BUILDING TRADES.	112		

SUBJECT INDEX

	PAGE		PAGE
VT 015 941	65	VT 101 008	104
VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.		COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.	
VT 017 125	72	VT 101 009	104
YOUR CAREER IN TRANSPORTATION.		COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.	
VT 019 269	85		
MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.		<u>UNITED STATES HISTORY</u>	
VT 100 853	100	VT 101 466	113
WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.		HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.	
<u>TREES</u>			
VT 101 822	119	<u>UNITS OF STUDY (SUBJECT FIELDS)</u>	
A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.		VT 015 629	60
VT 102 261	123	METALWORKING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
WORKING WITH TREES.		VT 015 631	61
<u>TULSA PUBLIC SCHOOLS</u>		BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
VT 100 449	91	VT 015 632	61
A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOMEMAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.		POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
<u>UNIFIED STUDIES PROGRAMS</u>		VT 015 635	61
VT 013 520	15	GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
UNIFIED ARTS, COURSE OF STUDY.		VT 015 636	62
<u>UNIT PLAN</u>		AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
VT 015 224	51	VT 015 639	62
COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.		ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
VT 020 552	85	VT 015 948	66
MANUFACTURING UNIT. INTERMEDIATE LEVEL.		INDUSTRIAL ARTS. TENTATIVE COURSE OUTLINE. AUTHORIZED COURSE OF INSTRUCTION FOR THE QUINMESTER PROGRAM.	
VT 101 007	104	VT 016 179	67
COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.		METAL INERT GAS (MIG) WELDING.	

SUBJECT INDEX

	PAGE		PAGE
VT 016 253	67	VT 015 788	63
TUNGSTEN INERT GAS (TIG)		INVESTIGATING CAREER	
WELDING.		OPPORTUNITIES FOR THE FUTURE.	
VT 100 609	94	CURRICULUM GUIDE (TENTATIVE).	
A CURRICULUM GUIDE FOR		VT 015 827 ED 065 670	65
OCCUPATIONAL ORIENTATION AND		OFFICIAL OCCUPATIONAL SKILLS	
EXPLORATION IN JUNIOR HIGH		PROGRAM HANDBOOK.	
SCHOOL HOME ECONOMICS AND		VOCATIONAL-TECHNICAL	
INDUSTRIAL ARTS.		EDUCATION. A HANDBOOK FOR THE	
		OCCUPATIONAL SKILLS PROGRAM	
<u>UTAH OCCUPATIONAL SAFETY AND</u>		FOR SPECIAL EDUCATION	
<u>HEALTH ACT</u>		STUDENTS.	
VT 100 644	96	VT 016 375	68
INDUSTRIAL EDUCATION SAFETY		COURSE OUTLINE FOR GENERAL	
GUIDE. RECOMMENDATIONS AND		WOODWORKING.	
UTAH OCCUPATIONAL SAFETY AND		VT 017 702	78
HEALTH ACT (UOSHA) STANDARDS.		A GALAXY PLAN FOR CAREER	
		PREPARATION. A CONCEPT AND	
<u>VISUAL AIDS</u>		PLAN OF ORGANIZATION.	
VT 013 659	18	VT 018 993 ED 073 288	82
DEVELOPMENT OF ILLUSTRATIVE		CAREER EDUCATION: A HANDBOOK	
VISUAL AIDS FOR TEACHING		FOR PROGRAM INITIATION.	
DRAFTING PRINCIPLES TO THE		VT 019 340 ED 073 324	85
SLOW LEARNER.		ANNOTATED BIBLIOGRAPHY ON	
		CAREER EDUCATION.	
<u>VOCABULARY</u>		VT 100 473	91
VT 100 619	96	THE TEACHER'S ROLE IN CAREER	
AN ENVIRONMENTAL GLOSSARY FOR		DEVELOPMENT.	
ENVIRONMENTAL EDUCATORS.		VT 100 481	92
		A PROPOSED CURRICULUM IN	
<u>VOCABULARY SKILLS</u>		TECHNOLOGY: THE "WORLD OF	
VT 101 445	112	WORK" AND CAREERS. UNDATED	
VOCABULARY SKILLS - AUTO SHOP.		WORKING PAPER.	
BOOKLET I - ALPHABETIZING;		VT 101 206	106
BOOKLET II - WORD STUDY;		OCCUPATIONAL, VOCATIONAL, AND	
BOOKLET III - WORD MEANING.		TECHNICAL EDUCATION, PHASE II	
		- 7TH GRADE. COURSE OF STUDY.	
<u>VOCATIONAL AGRICULTURE</u>		EXPLORATORY EDUCATION.	
VT 013 575	17	VT 101 207	106
SMALL ENGINES; CARE--OPERATION		OCCUPATIONAL, VOCATIONAL, AND	
--MAINTENANCE--REPAIR. VOLUME I		TECHNICAL EDUCATION. PHASE I -	
OF TWO VOLUMES.		6TH GRADE. COURSE OF STUDY.	
		EXPLORATORY EDUCATION.	
<u>VOCATIONAL DEVELOPMENT</u>		VT 101 565	115
VT 014 617 ED 061 429	40	CONSORTIUM FOR PLANNING,	
K-12 CAREER EDUCATION GUIDE.		DEVELOPING, AND IMPLEMENTING	
VT 015 233	54	EXPLORATORY INDUSTRIAL CAREER	
THE FACTORY: A ROLE-PLAYING		DEVELOPMENT MODELS (PHASE I OF	
UNIT IN VOCATIONAL DEVELOPMENT		THREE PHASES). INTERIM REPORT	
FOR PRIMARY AND INTERMEDIATE		AND PROPOSAL.	
SCHOOL STUDENTS.			

SUBJECT INDEX

	PAGE		PAGE
<u>VOCATIONAL EDUCATION</u>		VT 014 194	23
VT 004 184	2	BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.	
SYLLABUS FOR PRE-VOCATIONAL AND VOCATIONAL EDUCATION PROGRAMS FOR THE DISADVANTAGED.		VT 014 200 ED 056 227	23
VT 013 036	9	GUIDELINES TO INITIATE AND OPERATE A COOPERATIVE VOCATIONAL EDUCATION PROGRAM.	
ELEMENTS OF CONSTRUCTION TECHNOLOGY, SENIOR DIVISION.		VT 014 227	24
VT 013 344	11	RECOMMENDED MINIMUM AEROSPACE MATERIALS FOR A SCHOOL SYSTEM.	
THE DEVELOPMENT OF A TOTAL PROGRAM OF EDUCATION FOR THE WORLD OF WORK. PART III, FACILITIES AND EQUIPMENT GUIDE.		VT 014 269	27
VT 013 363	12	PLASTICS EDUCATION GUIDE.	
AERONAUTICAL SCIENCE COURSE OF STUDY.		VT 014 373	29
VT 013 423	13	PERFORMANCE OBJECTIVE HANDBOOK, 1970-71.	
SAFETY EDUCATION IN IDAHO SCHOOLS.		VT 014 642 ED 057 257	36
VT 013 483 ED 053 312	14	ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION AND ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION. ANNUAL INDEX 1970-71.	
AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.		VT 014 792	39
VT 013 509	14	COURSE OF STUDY FOR METAL FABRICATION.	
TECHNICAL GRAPHICS.		VT 014 850	42
VT 013 513	14	AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.	
SMALL GAS ENGINES I, COURSE OF STUDY.		VT 014 872 ED 059 407	43
VT 013 514	15	MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 1.	
SMALL GAS ENGINES II, COURSE OF STUDY.		VT 014 892 ED 060 218	43
VT 013 538	16	BEHAVIORAL OBJECTIVES TRAINING PACKAGE.	
COURSE OF STUDY FOR EDUCATION AND VOCATIONAL PLANNING.		VT 014 936	45
VT 013 659	18	EXPLORATORY DRAFTING--MASONRY.	
DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.			
VT 013 751	19		
A GUIDE TO HELP THE STUDENT STUDY.			
VT 013 758	19		
SCREEN PROCESS PRINTING.			
VT 013 817	19		
PRE-VOCATIONAL. GRADE 10, CURRICULUM GUIDE.			

SUBJECT INDEX

	PAGE		PAGE
VT 014 937 EXPLORATORY DRAFTING--SHEET METAL.	45	VT 017 801 ED 069 919 MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 6, NUMBER 1.	80
VT 015 130 INDUSTRIAL MATHEMATICS 1. AN INSTRUCTIONAL GUIDE FOR SENIOR HIGH SCHOOL.	50	VT 018 482 DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.	80
VT 015 413 PITT COUNTY MIDDLE GRADES PROJECT: CONSTRUCTION INDUSTRIES, MANUFACTURING INDUSTRIES AND AGRICULTURAL OCCUPATIONS.	56	VT 018 564 BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.	81
VT 015 421 OVT EXPLORATORY PROGRAM. PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.	57	VT 019 135 CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.	84
VT 015 755 ED 064 497 PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK. VOCATIONAL-TECHNICAL EDUCATION.	63	VT 100 006 POWER TECHNOLOGY: A CURRICULUM GUIDE FOR INDUSTRIAL ARTS.	86
VT 016 648 ED 067 490 MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), VOLUME 5, NUMBER 4.	69	VT 100 049 BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.	87
VT 016 658 COMMUNICATIONS: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	69	VT 100 310 INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.	90
VT 017 520 CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	76	VT 100 616 A PREVIEW OF AUDIO VISUAL MATERIALS FOR ENVIRONMENTAL EDUCATORS.	95
		VT 100 619 AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.	96
		VT 100 690 MANUFACTURING CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	97
		VT 100 692 GRAPHICS AND COMMUNICATION MEDIA CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	98

SUBJECT INDEX

	PAGE		PAGE
VT 100 696	98	VT 101 615	116
AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.	
VT 100 698	99	VT 102 344	124
CONSTRUCTION CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		METRIC EDUCATION. AN ANNOTATED BIBLIOGRAPHY FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION. BIBLIOGRAPHY SERIES NO. 26.	
VT 100 840	99	<u>VOCATIONAL EDUCATION TEACHERS</u>	
BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.		VT 101 017	104
VT 100 853	100	STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.	
WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.		<u>VOCATIONAL GUIDANCE</u>	
VT 100 854	100	VT 014 556	33
WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.		TRANSPORTATION CAREERS. GUIDED OCCUPATIONAL ORIENTATION.	
VT 100 855	100	<u>WELDERS</u>	
WORLD OF COMMUNICATION. K-6.		VT 100 849	99
VT 100 857	101	ELEMENTARY ARC WELDING SKILLS.	
PREPARING FOR THE WORLD OF WORK. K-6.		<u>WELDING</u>	
VT 101 231	107	VT 016 179	67
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.		METAL INERT GAS (MIG) WELDING.	
VT 101 416	111	VT 016 253	67
THE OREGON VO-TECH MATH PROJECT, PHASE ONE OF TWO. FINAL REPORT.		TUNGSTEN INERT GAS (TIG) WELDING.	
VT 101 443	112	VT 100 690	97
BACKGROUND FOR BUILDERS - RELATED SCIENCE AND TRADE INFORMATION FOR THE BUILDING TRADES.		MANUFACTURING CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	
VT 101 455	113	VT 100 849	99
VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS. REVISED 1974.		ELEMENTARY ARC WELDING SKILLS.	
VT 101 476	114	<u>WISCONSIN</u>	
A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.		VT 100 670	97
VT 101 603	115	WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION, K-12.	
TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.		<u>WOODWORKING</u>	
		VT 011 664	7
		GENERAL WOOD TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	

SUBJECT INDEX

	PAGE		PAGE
VT 013 547	17	VT 101 606	116
INDUSTRIAL WOODWORKING, AN INSTRUCTIONAL GUIDE.		INDUSTRIAL EDUCATION CURRICULUM DEVELOPMENT. INTERIM REPORT.	
VT 013 860	22		
INTRODUCTION TO WOOD FINISHING.		<u>WORLD OF WORK</u>	
VT 014 851	42	VT 014 991 ED 062 519	49
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.		FOR THOSE DEVELOPING WORLD OF WORK RESOURCE UNITS FOR ELEMENTARY SCHOOL TEACHERS.	
VT 016 375	68	<u>YEARBOOKS</u>	
COURSE OUTLINE FOR GENERAL WOODWORKING.		VT 102 104	122
VT 019 048	83	A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.	
BUSINESS EDUCATION: WOODWORKING, GRADES 7-12.			
VT 102 268	123		
MAKING TOYS THROUGH TEAMWORK.			
<u>WORD STUDY SKILLS</u>			
VT 101 445	112		
VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.			
<u>WORK STUDY PROGRAMS</u>			
VT 017 730	78		
WHO? WHAT? WHERE? HOW MUCH? COORDINATED VOCATIONAL ACADEMIC EDUCATION BIBLIOGRAPHY.			
<u>WORKBOOKS</u>			
VT 013 509	14		
TECHNICAL GRAPHICS.			
VT 014 824	40		
GRAPHIC ARTS.			
<u>WORKSHEETS</u>			
VT 015 536	59		
WORKERS IN HOUSE CONSTRUCTION.			
VT 019 167	84		
CURRICULUM GUIDE FOR BEGINNING METALS.			

AUTHOR INDEX

This index lists documents under the name(s) of their author(s). The index is arranged in alphabetical order by the person's last name and/or the institution's full name.

As shown in the example below, the page on which the document abstract appears is displayed above the title.

	PAGE
<u>ALBERTI, ALFRED J.</u> VT 013 101 POWER MECHANICS I; INDUSTRIAL ARTS III. COURSE OF STUDY.	10
<u>AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.</u> VT 013 575 SMALL ENGINES; CARE--OPERATION-- MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.	17
VT 014 650 ELECTRIC MOTORS--SELECTION, PROTECTION, AND DRIVES.	37
<u>AMERICAN COUNCIL ON INDUSTRIAL ARTS TEACHER EDUCATION, WASHINGTON, D.C.</u> VT 102 104 A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.	122

AUTHOR INDEX

	PAGE		PAGE
<u>KINS, ANNA</u> VT 100 853 WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.	100	<u>AMERICAN INDUSTRIAL ARTS ASSOCIATION, WASHINGTON, D.C.</u> <u>AMERICAN COUNCIL FOR ELEMENTARY- SCHOOL INDUSTRIAL ARTS</u> VT 014 357 ED 057 236	28
VT 100 854 WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.	100	BOOKS.	
VT 100 855 WORLD OF COMMUNICATION. K-6.	100	<u>ARBAUGH, FRANKLIN D.</u> VT 014 371	28
<u>ALBERTA TEACHERS' ASSOCIATION, (CANADA), INDUSTRIAL ARTS AND VOCATIONAL EDUCATION COUNCIL.</u> VT 014 402	30	INDUSTRIAL ARTS, K-12+.	
SAFETY.		<u>ARIZONA STATE DEPT. OF VOCATIONAL EDUCATION, PHOENIX.</u> VT 100 006	86
<u>ALBERTI, ALFRED J.</u> VT 013 101	10	POWER TECHNOLOGY: A CURRICULUM GUIDE FOR INDUSTRIAL ARTS.	
POWER MECHANICS I; INDUSTRIAL ARTS III. COURSES OF STUDY.		<u>BAILLARGEON, JARVIS</u> VT 101 223	107
<u>AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.</u> VT 013 575	17	SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.	
SMALL ENGINES; CARE-- OPERATION--MAINTENANCE-- REPAIR. VOLUME I OF TWO VOLUMES.		<u>BARNES, OZIE</u> VT 015 223	51
VT 014 650	37	CAREERS IN TECHNOLOGY. A RESOURCE UNIT FOR GRADES THREE AND FOUR.	
ELECTRIC MOTORS--SELECTION; PROTECTION, AND DRIVES.		<u>BASLYK, LYDIA, COMP.</u> VT 019 340 ED 073 324	85
<u>AMERICAN COUNCIL ON INDUSTRIAL ARTS TEACHER EDUCATION, WASHINGTON, D.C.</u> VT 102 164	122	ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.	
A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.		<u>BEASLEY, GARY F.</u> VT 100 504	93
		BASIC MATHEMATICS AND MEASUREMENT FOR LUMBER INDUSTRIES.	
		<u>BEASLEY, GARY F. (COMP)</u> VT 014 844	41
		BIBLIOGRAPHY OF INSTRUCTIONAL MATERIALS OF EXEMPLARY PROJECTS ON CAREER EDUCATION.	

AUTHOR INDEX

	PAGE		PAGE
<u>BEAVERTON HIGH SCHOOL, MICH.</u> <u>DEPT. OF INDUSTRIAL EDUCATION.</u> VT 014 355 A LEARNER'S GUIDE TO INDEPENDENT STUDY.	28	<u>BLAIR, MARGARET, ED.</u> VT 101 412 INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.	110
<u>BEGGS EDUCATIONAL CENTER,</u> <u>PENSACOLA, FLA.</u> VT 019 135 CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.	84	<u>BLOOMINGTON PUBLIC SCHOOLS,</u> <u>MINN.</u> VT 013 827 INDUSTRIAL ARTS, 1968. PRELIMINARY EDITION.	21
<u>BENTLEY, R.G.</u> VT 018 307 GRAPHIC COMMUNICATION SERIES: COMMUNICATING WITH GRAPHICS, ART WORK, IMAGE ASSEMBLY, PHOTO-CONVERSION, IMAGE CARRIER PREPARATION, IMAGE TRANSFER, FINISHING PROCEDURES, AND DECISION MAKING. (TEXT, TRANSPARENCIES, AND TEACHER'S MANUAL).	80	<u>BOWLING GREEN INDEPENDENT</u> <u>SCHOOL DISTRICT, KY.</u> VT 101 811 BOWLING GREEN CAREER EDUCATION MANUAL FOR TEACHERS, COUNSELORS AND ADMINISTRATORS.	118
<u>BILLINGS, HENRY</u> VT 017 298 CONSTRUCTION AHEAD.	73	<u>BRIDGEPORT BOARD OF EDUCATION,</u> <u>CONN.</u> VT 102 010 BIBLIOGRAPHY ON CAREER EDUCATION. VT 102 012 CAREER EDUCATION STUDY UNIT. BRIDGEPORT'S EXEMPLARY PROJECT IN CAREER EDUCATION 1973-1974.	120 121
<u>BISMARCK PUBLIC SCHOOLS, N.</u> <u>DAK.</u> VT 101 046 GUIDELINE OF CAREER EDUCATION ACTIVITIES. A STATEWIDE PROGRAM IN DEVELOPMENTAL VOCATIONAL GUIDANCE (K-12) AND OCCUPATIONAL PREPARATION FOR THE CHANGING WORLD OF WORK.	105	<u>BUREAU OF LABOR STANDARDS</u> <u>(DOL), WASHINGTON, D.C.</u> VT 013 365 SAFETY TRAINING TECHNIQUES IN THE CLASSROOM.	12
<u>BLACKHAWK TECH., JANESVILLE,</u> <u>WIS.</u> VT 013 751 A GUIDE TO HELP THE STUDENT STUDY.	19	<u>BUREAU OF LABOR STATISTICS</u> <u>(DOL), WASHINGTON, D.C.</u> VT 018 890 ED 073 272 WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING.	81

AUTHOR INDEX

	PAGE		PAGE
<u>BUREAU OF RECLAMATION (DEPT. OF INTERIOR), DENVER, COLO. ENGINEERING AND RESEARCH CENTER.</u>	118	<u>CAESAR RODNEY SCHOOL DISTRICT, CAMDEN, DEL.</u>	108
VT 101 819		VT 101 283	
CATALOG OF COURSES. TRAINING POLICIES AND PROCEDURES. ANNUAL SURVEY OF TRAINING NEEDS. IN-HOUSE, INTERAGENCY AND NON-GOVERNMENT COURSES.		A CAREER EDUCATION CURRICULAR MODEL FOR JUNIOR HIGH SCHOOL STUDENTS AND FINAL REPORT.	
<u>BURLINGTON HIGH SCHOOL, KANE.</u>	80	<u>CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO.</u>	12
VT 01B 482		VT 013 363	
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.		AERONAUTICAL SCIENCE COURSE OF STUDY.	
VT 100 031	86	<u>CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO, BUREAU OF INDUSTRIAL EDUCATION.</u>	19
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.		VT 013 758	
VT 100 032	87	SCREEN PROCESS PRINTING.	
DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON-SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER (CONVERSION, TRANSMISSION AND UTILIZATION).		<u>CALIFORNIA UNIV., LOS ANGELES, DIV. OF VOCATIONAL EDUCATION.</u>	19
<u>BURION, DAVID M.</u>	94	VT 013 758	
VT 100 585		SCREEN PROCESS PRINTING.	
A LISTING OF PROGRAMMED INSTRUCTIONAL MATERIALS FOR INDUSTRIAL EDUCATION.		<u>CAMERON, CLIVE A.</u>	93
		VT 100 512	
		GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.	
		<u>CAMPBELL, ROBERT A.</u>	119
		VT 101 822	
		A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.	
		<u>CARUSO, PATRICK</u>	14
		VT 013 509	
		TECHNICAL GRAPHICS.	

AUTHOR INDEX

	PAGE	PAGE
<u>CASE WESTERN RESERVE UNIV., CLEVELAND, OHIO, INST. FOR THE STUDY OF TECHNOLOGY IN EDUCATION.</u> VT 013 483	14	
AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.		ED 053 312
<u>CASEY, JAMES P.</u> VT 013 758	19	
SCREEN PROCESS PRINTING.		
<u>CEDAR FALLS COMMUNITY SCHOOLS, IOWA.</u> VT 013 847	21	
HIGH SCHOOL DRAFTING, COURSE OF STUDY.		
<u>CENTRAL MICHIGAN UNIV., MOUNT PLEASANT.</u> VT 100 690	97	
MANUFACTURING CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.		
<u>VT 100 692</u> GRAPHICS AND COMMUNICATION MEDIA CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	98	
<u>VT 100 696</u> AUTOMOTIVE AND POWER SERVICES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	98	
<u>VT 100 698</u> CONSTRUCTION CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.	99	
<u>VT 101 487</u> VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.	114	
<u>CENTRAL VIRGINIA EDUCATIONAL TELEVISION CORP., RICHMOND.</u> VT 013 001		9
INDUSTRIAL ARTS FOR THE '70'S. TEACHER'S MANUAL TV LESSON GUIDES. SUGGESTED GRADE SENIOR HIGH.		
<u>CESSNA AIRCRAFT CO., WICHITA, KANS. AIR AGE EDUCATION DIV.</u> VT 010 642		3
TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME I.		
<u>VT 010 643</u> AN INTRODUCTORY AVIATION COURSE GUIDE.		4
<u>VT 012 170</u> TEACHING IDEAS FOR AVIATION EDUCATION. VOLUME II.		8
<u>CHAMBERS, ROBERT N.</u> VT 100 914		103
BLUEPRINT READING AND SKETCHING FOR GLASS TECHNOLOGY.		
<u>CHRISTENSON, DARWIN</u> VT 014 791		39
COURSE OF STUDY FOR BUILDING CONSTRUCTION.		
<u>CHRONICLE GUIDANCE PUBLICATIONS, INC., MORAVIA, N.Y.</u> VT 017 788		79
FURNITURE INDUSTRY.		
<u>CIVIL SERVICE COMMISSION, WASHINGTON, D.C.</u> VT 016 029		67
GUIDE TO FEDERAL CAREER LITERATURE.		

AUTHOR INDEX

	PAGE		PAGE
<u>CLEMSON UNIV., S.C. VOCATIONAL EDUCATION MEDIA CENTER.</u>	61	<u>COPELAND, CHARLES M.</u>	35
VT 015 631		VT 014 601	
BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.	
VT 100 458	91	<u>DADE COUNTY PUBLIC SCHOOLS, MIAMI, FLA.</u>	87
SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.		VT 100 112	
<u>COBB COUNTY OCCUPATIONAL AND CAREER DEVELOPMENT PROGRAM, MARIETTA, GA.</u>	105	CAREERS IN AUTOMOTIVE, MARINE, AVIATION AND ALLIED MECHANICAL OCCUPATIONS (QUIN- 1), COURSE OUTLINE.	
VT 101 029		<u>DADE COUNTY PUBLIC SCHOOLS, MIAMI, FLA. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION.</u>	66
CAREER EDUCATION MATERIALS. TEACHERS RESOURCE GUIDES.		VT 015 948	
<u>COLELLA, CATHY</u>	51	INDUSTRIAL ARTS. TENTATIVE COURSE OUTLINE. AUTHORIZED COURSE OF INSTRUCTION FOR THE QUINMESTER PROGRAM.	
VT 015 224		<u>DANIELSON, ROBERT</u>	116
COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.		VT 101 606	
<u>COLLICT, GEORGE</u>	14	INDUSTRIAL EDUCATION CURRICULUM DEVELOPMENT. INTERIM REPORT.	
VT 013 509		<u>DARGATZ, GLENN E.</u>	35
TECHNICAL GRAPHICS.		VT 014 602	
<u>CONIOCOOK VALLEY REGIONAL SCHOOL DISTRICT, PETERBOROUGH, N.H.</u>	116	INDUSTRIAL EDUCATION COURSE OUTLINE: AUTO MECHANICS 3-4.	
VT 101 615		<u>DAVID DOUGLAS PUBLIC SCHOOLS, PORTLAND OREG.</u>	88
WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.		VT 100 122	
VT 101 617	116	"WORK IN THE WOODS", CAREER EDUCATION UNIT FOR PRIMARY GRADES.	
WORLD OF WORK. VOLUME II. LEARNING PACKETS. FINAL REPORT.		<u>DAVID DOUGLAS PUBLIC SCHOOLS, PORTLAND, OREG.</u>	59
<u>COOKE, DAVID C.</u>	82	VT 015 614	
VT 019 015		ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.	
HOW AUTOMOBILES ARE MADE.		<u>COOPER, ELMER L.</u>	104
<u>COOPER, ELMER L.</u>	104	VT 101 017	
STUDENT INJURY AND TEACHER LIABILITY. A SELF- INSTRUCTIONAL UNIT.			

AUTHOR INDEX

	PAGE		PAGE
<u>DAVIS, E. E., JR.</u> VT 014 600 FILMS FOR CLASSROOM TEACHING.	35	<u>DEPARTMENT OF THE NAVY,</u> <u>WASHINGTON, D.C. BUREAU OF</u> <u>NAVAL PERSONNEL.</u> VT 015 278 TOOLS AND THEIR USES. RATE TRAINING MANUAL.	55
<u>DAVIS, WILBUR</u> VT 002 976 UNDERSTANDING A BASIC TRANSISTOR RADIO.	2	<u>DEPENDENTS SCHOOLS (DOD),</u> <u>WASHINGTON, D.C. PACIFIC AREA.</u> VT 100 629 KEEP CAREERS IN MIND. MIDDLE SCHOOL CAREER EDUCATION.	96
<u>DAY, GERALD F.</u> VT 102 114 A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT AND LINE PRODUCTION.	122	<u>DEPT. OF EDUCATION, EDMONTON</u> <u>(ALBERTA).</u> VT 007 863 INDUSTRIAL ARTS GENERAL, 10, 20, 30. CURRICULUM GUIDE.	2
<u>DELAWARE OCCUPATIONAL RESEARCH</u> <u>COORDINATING UNIT, DOVER.</u> VT 013 344 THE DEVELOPMENT OF A TOTAL PROGRAM OF EDUCATION FOR THE WORLD OF WORK. PART III, FACILITIES AND EQUIPMENT GUIDE.	11	<u>DETROIT BOARD OF EDUCATION,</u> <u>MICH.</u> VT 015 528 INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.	59
<u>DELAWARE STATE DEPT. OF PUBLIC</u> <u>INSTRUCTION, DOVER, DIV. OF</u> <u>VOCATIONAL EDUCATION.</u> VT 014 371 INDUSTRIAL ARTS, K-12+.	28	<u>DETROIT PUBLIC SCHOOLS, MICH.</u> <u>VOCATIONAL DEPT.</u> VT 017 702 A GALAXY PLAN FOR CAREER PREPARATION. A CONCEPT AND PLAN OF ORGANIZATION.	78
<u>DEPARTMENT OF EDUCATION, OTTAWA-</u> <u>ONTARIO.</u> VT 013 038 ELEMENTS OF CONSTRUCTION TECHNOLOGY, SENIOR DIVISION.	9	<u>DICKEY, FLOYD M.</u> VT 019 167 CURRICULUM GUIDE FOR BEGINNING METALS.	84
<u>DEPARTMENT OF LABOR,</u> <u>WASHINGTON, D.C. OCCUPATIONAL</u> <u>SAFETY AND HEALTH</u> <u>ADMINISTRATION.</u> VT 016 760 RECORDKEEPING REQUIREMENTS UNDER THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.	70	<u>DILLON AREA VOCATIONAL CENTER,</u> <u>S.C.</u> VT 015 636 AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	62

AUTHOR INDEX

	PAGE		PAGE
<u>DISTRICT 1 TECHNICAL INST., EAU CLAIRE, WIS.</u>	117	<u>EASTERN NEW MEXICO UNIV., ROSWELL.</u>	18
VT 101 666		VT 013 659	
RESEARCH OF AFFECT OF VISUAL MATERIALS IN MANUFACTURING PROCESS ON LEARNING. FINAL REPORT.		DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.	
<u>DRUMMOND, ROBERT J.</u>	108	<u>EASTON PUBLIC SCHOOLS, SOUTH EASTON, MASS.</u>	64
VT 101 287		VT 015 808	
LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.		AUTO MECHANICS. PREVOCATIONAL FEEDER PROGRAM FOR GRADES 7 AND 8.	
<u>DURKIN, JAMES</u>	92	<u>EATON, GARTH, COMP.</u>	22
VT 100 480		VT 013 861	
AN APPROACH TO PROPOSED CURRICULUM REVISION OF INDUSTRIAL ARTS PROGRAMS AT THE SECONDARY LEVEL.		SHOP ORIENTATION, JOINT VENTURE.	
<u>DUVALL, BARRY</u>	16	<u>EDUCATIONAL TESTING SERVICE, PRINCETON, N.J. DISTRIBUTION SERVICES.</u>	10
VT 013 546		VT 013 087	
AN INTRODUCTION TO TECHNOLOGY: ENERGY, INFORMATION, PROCESSES, MACHINES, AND MATERIALS.		COOPERATIVE INDUSTRIAL ARTS TESTS SPECIMEN SET.	
<u>EAST HIGH SCHOOL, SALT LAKE CITY, UTAH.</u>	39	<u>ELGIN HIGH SCHOOL, OREG.</u>	101
VT 014 791		VT 100 903	
COURSE OF STUDY FOR BUILDING CONSTRUCTION.		INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.	
VT 014 792	39	<u>ESPENSCHIED, R.F.</u>	67
COURSE OF STUDY FOR METAL FABRICATION.		VT 016 179	
<u>EASTERN KENTUCKY UNIV., RICHMOND.</u>	31	METAL INERT GAS (MIG) WELDING.	67
VT 014 506		VT 016 253	
COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.		TUNGSTEN INERT GAS (TIG) WELDING.	
		<u>EVALUATION SERVICE CENTER FOR OCCUPATIONAL EDUCATION, AMHERST, MASS.</u>	43
		VT 014 892	
		ED 060 218	
		BEHAVIORAL OBJECTIVES TRAINING PACKAGE.	

AUTHOR INDEX

	PAGE		PAGE
<u>EALES, JAMES F.</u> VT 015 398 A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.	55	<u>ERBOSE, DENISE C.</u> VT 101 415 HANDBOOK OF CAREER INFORMATION RESOURCES.	111
<u>FEDERAL AVIATION ADMINISTRATION, WASHINGTON, D.C.</u> VT 013 747 INSTRUMENT FLIGHT INSTRUCTOR, WRITTEN TEST GUIDE.	18	<u>GAGE, GEORGE J., ED.</u> VT 013 758 SCREEN PROCESS PRINTING.	19
<u>FOREST SERVICE (DOA), ASHEVILLE, N.C. SOUTHEASTERN FOREST EXPERIMENT STATION.</u> VT 101 822 A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.	119	<u>GARFIELD HIGH SCHOOL.</u> VT 014 503 PREREQUISITES AND BEHAVIORAL OBJECTIVES FOR COURSES TAUGHT AT GARFIELD HIGH SCHOOL.	31
<u>FORT WORTH PUBLIC SCHOOLS, TEXAS.</u> VT 013 403 PLASTICS, 1-2.	13	<u>GENERAL LEARNING CORP., WASHINGTON, D.C.</u> VT 017 770 ED 069 918 CAREER EDUCATION RESOURCE GUIDE.	79
<u>FOSTER, MARY</u> VT 101 419 A MANUFACTURING MINI-UNIT CENTERED AROUND AN ORIGINAL PLAY.	111	<u>GENERAL MOTORS CORP., DETROIT, MICH.</u> VT 010 805 ABC'S OF HAND TOOLS; THEIR CORRECT USAGE AND CARE.	4
<u>FRANZ, NEVIN</u> VT 101 964 CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.	119	<u>GENERAL MOTORS CORP., DETROIT, MICH. PUBLIC RELATIONS STAFF.</u> VT 010 886 POWER GOES TO WORK IN THE AUTOMOBILE; AN INTRODUCTION TO THE TRANSMISSION OF POWER.	4
<u>FREEMAN, EVELYN</u> VT 020 552 MANUFACTURING UNIT. INTERMEDIATE LEVEL.	85	<u>VT 010 887</u> A TO ZERO OF REFRIGERATION; A SIMPLE STORY OF MAN-MADE COLD.	5
		<u>GEORGE PEABODY COLL. FOR TEACHERS, NASHVILLE, TENN. DIV. OF SURVEYS AND FIELD SERVICES.</u> VT 101 043 LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.	105

AUTHOR INDEX

	PAGE		PAGE
<u>GEORGIA STATE DEPT. OF EDUCATION, ATLANTA.</u> VT 101 964	119	VT 011 665	8
CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.		GENERAL METAL TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.	
<u>GEORGIA STATE DEPT. OF EDUCATION, ATLANTA, DIV. OF VOCATIONAL EDUCATION.</u> VT 016 268	68	<u>GEORGIA UNIV., ATHENS, DIV. OF VOCATIONAL EDUCATION.</u> VT 101 964	119
MANUFACTURING. INDUSTRIAL ARTS FOR THE MIDDLE GRADES.		CAREER EXPLORATION PROGRAM IN THE MIDDLE/JUNIOR HIGH SCHOOLS OF GEORGIA FOR INDUSTRIAL ARTS EDUCATION. A CURRICULUM GUIDE.	
<u>GEORGIA STATE DEPT. OF EDUCATION, ATLANTA, INDUSTRIAL ARTS EDUCATION.</u> VT 010 610	3	<u>GRAND FORKS PUBLIC SCHOOLS, N. DAK.</u> VT 100 265	89
AMERICAN INDUSTRIES FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES. SECOND EDITION.		INDUSTRIAL PLASTICS. COURSE CURRICULUM.	
VT 011 660	6	<u>GRANT, GRANVILLE</u> VT 101 603	115
GENERAL GRAPHIC ARTS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.		TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.	
VT 011 661	6	<u>GREEN, CHARLES</u> VT 100 912	102
GENERAL ELECTRICITY- ELECTRONICS TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.		BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	
VT 011 662	7	<u>HACKENSACK PUBLIC SCHOOLS, N.J.</u> VT 015 227 ED 063 463	52
GENERAL DRAFTING TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.		INDUSTRIAL PREP, VOLUME ONE, SOPHOMORE YEAR--INTRODUCTION MATHEMATICS.	
VT 011 663	7	VT 015 229 ED 063 465	52
GENERAL POWER TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.		INDUSTRIAL PREP, VOLUME THREE, JUNIOR YEAR--CONTENTS: PHYSICS AND ENGLISH.	
VT 011 664	7	VT 015 230 ED 063 466	53
GENERAL WOOD TECHNOLOGY FOR INDUSTRIAL ARTS; A COURSE OF STUDY FOR THE UPPER GRADES.		INDUSTRIAL PREP, VOLUME FOUR, JUNIOR YEAR--CONTENTS: MATHEMATICS AND GUIDANCE.	

AUTHOR INDEX

	PAGE		PAGE
VT 015 231 ED 063 467 INDUSTRIAL PREP, VOLUME FIVE, SENIOR YEAR--ENGLISH, CHEMISTRY, SOCIAL STUDIES, AND OCCUPATIONAL RELATIONS.	54	<u>HENDRICKS, DONALD R., COMP.</u> VT 100 903 INDUSTRIAL ARTS EDUCATION MATERIALS AT ELGIN HIGH SCHOOL.	101
<u>HACKENSACK PUBLIC SCHOOLS, N.J.</u> <u>CAREER DEVELOPMENT CENTER.</u> VT 015 233 THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.	54	<u>HICKS, BILL</u> VT 015 639 ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	62
<u>HACKENSACK PUBLIC SCHOOLS, N.J.</u> <u>CAREER EDUCATION CENTER.</u> VT 015 224 COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.	51	<u>HILL, CLAIR S.</u> VT 101 304 A COMPUTERIZED TASK INVENTORY SYSTEM FOR PROVIDING CURRICULUM CONTENT. CARPENTRY. FINAL REPORT.	109
<u>HANSEN, GARY G.</u> VT 101 239 A GUIDE TO THE METRIC SYSTEM.	107	<u>HILL, RICHARD K., ED.</u> VT 100 840 BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.	99
<u>HARRIS, LOU</u> VT 100 302 INDUSTRIAL ARTS ELECTRICITY- ELECTRONICS WORKSHOP MANUAL.	69	<u>HINEK, FRANK</u> VT 100 913 BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	103
<u>HARTMAN, WILLIAM J.</u> VT 018 564 BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.	81	<u>HOGARD, R.W.</u> VT 013 751 A GUIDE TO HELP THE STUDENT STUDY.	19
<u>HAWAII STATE DEPT. OF</u> <u>EDUCATION, HONOLULU, OFFICE OF</u> <u>INSTRUCTIONAL SERVICES.</u> VT 015 755 ED 064 497 PRE-INDUSTRIAL PREPARATION PROGRAM HANDBOOK. VOCATIONAL- TECHNICAL EDUCATION.	63	<u>HORNING, DONALD B.</u> VT 014 573 INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.	33
VT 015 827 ED 065 670 OFFICIAL OCCUPATIONAL SKILLS PROGRAM HANDBOOK. VOCATIONAL- TECHNICAL EDUCATION. A HANDBOOK FOR THE OCCUPATIONAL SKILLS PROGRAM FOR SPECIAL EDUCATION STUDENTS.	65	<u>HUGHES, VAN</u> VT 102 352 FILMSTRIP DEVELOPMENT AS AN AID TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. FINAL REPORT.	124

AUTHOR INDEX

	PAGE		PAGE
<u>HUGHSON UNION HIGH SCHOOL, CALIF.</u>		<u>IDLIMAN, HILLIS K.</u>	
VT 013 860	22	VT 100 615	94
INTRODUCTION TO WOOD FINISHING.		COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.	
VT 013 861	22		
SHOP ORIENTATION, JOINT VENTURE.		<u>ILLINOIS COMMUNITY UNIT SCHOOL DISTRICT 9, GRANITE CITY.</u>	
<u>HULLIN, LEROY T.</u>		VT 014 603	36
VT 014 935	44	ELEMENTARY OCCUPATIONAL INFORMATION PROGRAM.	
EXPLORATORY DRAFTING--AUTO MECHANICS.		<u>ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD, DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.</u>	
VT 014 936	45	VT 101 476	114
EXPLORATORY DRAFTING--MASONRY.		A NATIONAL ANNOTATED BIBLIOGRAPHY OF CURRICULUM MATERIALS IN VOCATIONAL AND CAREER EDUCATION.	
VT 014 937	45	<u>ILLINOIS STATE UNIV., NORMAL.</u>	
EXPLORATORY DRAFTING--SHEET METAL.		VT 014 824	40
VT 014 938	46	GRAPHIC ARTS.	
EXPLORATORY DRAFTING--MACHINE SHOP.		<u>ILLINOIS UNIV., URBANA.</u>	
VT 014 940	46	<u>VOCATIONAL AGRICULTURE SERVICE.</u>	
EXPLORATORY DRAFTING--PRINTING.		VT 016 179	67
VT 014 941	46	METAL INERT GAS (MIG) WELDING.	
EXPLORATORY DRAFTING:- HORTICULTURE.		VT 016 253	67
VT 014 942	47	TUNGSTEN INERT GAS (TIG) WELDING.	
EXPLORATORY DRAFTING-- COMMERCIAL ART.		<u>INDEPENDENCE HIGH SCHOOL, KANS.</u>	
VT 014 943	47	VT 018 482	80
EXPLORATORY DRAFTING-- ELECTRONICS.		DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON- SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.	
VT 014 944	48		
EXPLORATORY DRAFTING--CARPENTRY.			
VT 014 945	48		
EXPLORATORY DRAFTING--AUTO BODY REPAIR.			
<u>HUSE MEMORIAL SCHOOL, BATH, MAINE.</u>			
VT 101 332	109		
ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.			
<u>IDAHO STATE DEPT. OF EDUCATION, BOISE.</u>			
VT 013 423	13		
SAFETY EDUCATION IN IDAHO SCHOOLS.			

AUTHOR INDEX

	PAGE		PAGE
VT 100 031 DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON- SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.	86	<u>JENNINGS, ELEANOR</u> VT 019 269 MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.	85
VT 100 032 DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON- SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER (CONVERSION, TRANSMISSION AND UTILIZATION).	87	<u>JOHN DICKINSON HIGH SCHOOL, WILMINGTON, DEL.</u> VT 014 766 COURSE OF STUDY FOR DRAFTING.	38
<u>INDIANA STATE UNIV., TERRE HAUTE, DIV. OF INDUSTRIAL EDUCATION.</u> VT 013 546 AN INTRODUCTION TO TECHNOLOGY: ENERGY, INFORMATION, PROCESSES, MACHINES, AND MATERIALS.	16	<u>JOHNSON, CONRAD</u> VT 101 466 HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.	113
<u>INSTRUCTIONAL OBJECTIVES EXCHANGE, LOS ANGELES, CALIF.</u> VT 019 048 BUSINESS EDUCATION: WOODWORKING, GRADES 7-12.	83	<u>JOHNSON, HAROLD V.</u> VT 017 069 GENERAL INDUSTRIAL MACHINE SHOP.	71
VT 019 054 BUSINESS EDUCATION: MECHANICAL DRAWING, GRADES 7- 12.	83	<u>JOHNSON, JAMES</u> VT 100 265 INDUSTRIAL PLASTICS. COURSE CURRICULUM.	89
VT 019 057 BUSINESS EDUCATION: GENERAL METALS, GRADES 7-12.	84	<u>JOLIET PUBLIC SCHOOLS, ILL. SCHOOL DISTRICT 86.</u> VT 013 825 CURRICULUM GUIDE FOR THE INDUSTRIAL ARTS FOR JUNIOR HIGH, GRADES 6-7-8.	20
VT 100 049 BUSINESS EDUCATION: AUTO MECHANICS, GRADES 10-12.	87	<u>JOLLY, WILLIAM W., ED.</u> VT 015 820 ED 064 501 HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.	64
<u>JACOBSON, JOHN</u> VT 013 287 ELECTRONICS 1-4.	11	<u>JOYNER, NINA GLENN</u> VT 101 631 FURNITURE REFINISHING AT HOME, REVISED EDITION.	117

AUTHOR INDEX

	PAGE		PAGE
<u>KAGY, FREDERICK D.</u> VT 014 824 GRAPHIC ARTS.	40	<u>LAW, GORDON, ED.</u> VT 101 412 INTRODUCTION TO VOCATIONS. A TEACHERS GUIDE.	110
<u>KANSAS CITY CITY PUBLIC SCHOOLS, MO.</u> VT 011 299 CURRICULUM GUIDE FOR GRADES 9- 12.	5	<u>LEACH, ALVIN</u> VT 004 184 SYLLABUS FOR PRE-VOCATIONAL AND VOCATIONAL EDUCATION PROGRAMS FOR THE DISADVANTAGED.	2
<u>KAVIEFF, MELVIN C.</u> VT 015 528 INDUSTRIAL ARTS EDUCATION, ELEMENTARY SCHOOL GRADES 4-8. INSTRUCTIONAL MATERIALS FOR BEGINNING TEACHERS.	59	<u>LEARNING SYSTEMS, INC.,</u> <u>WASHINGTON, D.C.</u> VT 100 113 TECHNICAL CLUSTER II: GRAPHIC ARTS, VOLUME F: PRODUCTION PRINTING.	88
<u>KENTUCKY INDEPENDENT SCHOOL DISTRICT, PIKEVILLE.</u> VT 014 506 COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.	31	<u>LEBANON UNION HIGH SCHOOL,</u> <u>OREG.</u> VT 016 677 METALS AND MECHANICAL CLUSTERS.	70
<u>KNOX COUNTY DEPT. OF PUBLIC INSTRUCTION, KNOXVILLE, DEPT. OF VOCATIONAL EDUCATION.</u> VT 015 820 ED 064 501 HANDS ON. A COMPREHENSIVE PROGRAM OF CAREER ORIENTATION FOR HIGH SCHOOL STUDENTS.	64	<u>LEWISTON SCHOOL DISTRICT,</u> <u>MAINE.</u> VT 101 440 CAREER EDUCATION ACTIVITY GUIDE. NEW OPPORTUNITIES FOR WORK.	112
<u>LAKESHORE TECHNICAL INST.,</u> <u>SHEBOYGAN, WIS.</u> VT 014 817 ED 061 429 K-12 CAREER EDUCATION GUIDE.	40	<u>LINN-BENTON COMMUNITY COLL.,</u> <u>ALBANY, OREG.</u> VT 101 416 THE OREGON VO-TECH MATH PROJECT, PHASE ONE OF TWO. FINAL REPORT.	111
<u>LANGSTON, LESLIE V.</u> VT 013 659 DEVELOPMENT OF ILLUSTRATIVE VISUAL AIDS FOR TEACHING DRAFTING PRINCIPLES TO THE SLOW LEARNER.	18	<u>LISON, ROBERT A.</u> VT 017 125 YOUR CAREER IN TRANSPORTATION.	72
		<u>LITTLE ROCK PUBLIC SCHOOLS,</u> <u>ARK.</u> VT 015 788 INVESTIGATING CAREER OPPORTUNITIES FOR THE FUTURE. CURRICULUM GUIDE (TENTATIVE).	63

AUTHOR INDEX

	PAGE		PAGE
<u>LONG BEACH UNIFIED SCHOOL DISTRICT, CALIF. OFFICE OF CURRICULUM AND INSTRUCTION.</u>		<u>LOUISIANA STATE DEPT. OF EDUCATION, BATON ROUGE, DIV. OF VOCATIONAL EDUCATION.</u>	
VT 014 573	33	VT 014 984 ED 061 444	48
INDUSTRIAL EDUCATION COURSE OUTLINE: GRAPHIC ARTS 3-4.		ELEMENTARY SCHOOL INDUSTRIAL ARTS INTERACTION TECHNOLOGY FOR CHILDREN. A POSITIVE APPROACH TO EDUCATION FOR A CHANGING SOCIETY.	
VT 014 601	35		
INDUSTRIAL EDUCATION COURSE OUTLINE: ARCHITECTURAL DRAFTING 3-4.		<u>LOUISIANA STATE DEPT. OF PUBLIC EDUCATION, BATON ROUGE.</u>	
VT 014 602	35	VT 016 659	70
INDUSTRIAL EDUCATION COURSE OUTLINE: AUTO MECHANICS 3-4.		SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.	
<u>LOS ALAMOS PUBLIC SCHOOLS, N. MEX.</u>			
VT 013 821	20	<u>MAINE UNIV., ORONO.</u>	
ENGINEERING TECHNOLOGY CURRICULUM.		VT 101 287	108
VT 017 728	78	LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.	
INDUSTRIAL ARTS CURRICULUM GUIDE.			
<u>LOS ANGELES CITY SCHOOLS, CALIF. DIV. OF INSTRUCTIONAL PLANNING AND SERVICES.</u>		<u>MALLOW, LEW</u>	
VT 012 547	17	VT 101 666	117
INDUSTRIAL WOODWORKING, AN INSTRUCTIONAL GUIDE.		RESEARCH ON AFFECT OF VISUAL MATERIALS IN MANUFACTURING PROCESS ON LEARNING. FINAL REPORT.	
VT 015 130	50	<u>MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. U.S. TRAINING AND EMPLOYMENT SERVICE.</u>	
INDUSTRIAL MATHEMATICS 1. AN INSTRUCTIONAL GUIDE FOR SENIOR HIGH SCHOOL.		VT 013 550 ED 052 368	17
<u>LOUISIANA STATE DEPT. OF EDUCATION, BATON ROUGE.</u>		INTERVIEWER'S HANDBOOK FOR SELECTION AND REFERRAL TO TRAINING AND PLACEMENT.	
VT 014 600	35		
FILMS FOR CLASSROOM TEACHING.		<u>MARIE H. KATZENBACH SCHOOL FOR THE DEAF, WEST TRENTON, N.J.</u>	
VT 014 843	41	VT 100 849	99
INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.		ELEMENTARY ARC WELDING SKILLS.	
		<u>MARSHALL COMMUNITY UNIT SCHOOLS, ILL.</u>	
		VT 014 485	30
		VOCATIONAL EDUCATION.	

AUTHOR INDEX

	PAGE		PAGE
<u>MARYLAND UNIV., COLLEGE PARK,</u> <u>DEPT. OF INDUSTRIAL EDUCATION,</u> VT 102 114 A RESOURCE GUIDE FOR THE MARYLAND PLAN'S GROUP PROJECT AND LINE PRODUCTION.	122	<u>MEMPHIS CITY SCHOOL SYSTEM,</u> <u>TENN. DIV. OF VOCATIONAL</u> <u>EDUCATION,</u> VT 014 391 A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.	20
<u>MASON CITY COMMUNITY SCHOOLS,</u> <u>IOWA, DEPT. OF CURRICULUM,</u> VT 013 538 COURSE OF STUDY FOR EDUCATION AND VOCATIONAL PLANNING.	16	<u>MEMPHIS CITY SCHOOLS, TENN.</u> <u>DIV. OF VOCATIONAL EDUCATION,</u> VT 100 609 A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.	94
<u>MASON, EMMETT E., ED.</u> VT 101 487 VOCATIONAL TEACHER EDUCATION AT CENTRAL MICHIGAN UNIVERSITY. ANNUAL REPORT 1973-1974.	114	<u>MICHIGAN BELL TELEPHONE CO.</u> VT 011 153 THE WORLD OF ELECTRICITY AND ELECTRONICS; INTRODUCTION AND PARTS I-V.	5
<u>MASSACHUSETTS STATE BOARD OF</u> <u>EDUCATION, BOSTON,</u> VT 014 892 ED 060 218 BEHAVIORAL OBJECTIVES TRAINING PACKAGE.	43	<u>MICHIGAN INDUSTRIAL ARTS</u> <u>CURRICULUM COMMITTEE,</u> VT 002 976 UNDERSTANDING A BASIC TRANSISTOR RADIO.	2
<u>MCMINN, J. H., COMP.</u> VT 018 993 ED 073 288 CAREER EDUCATION: A HANDBOOK FOR PROGRAM INITIATION.	82	<u>MIDDLETOWN CITY SCHOOL</u> <u>DISTRICT, OHIO,</u> VT 013 520 UNIFIED ARTS, COURSE OF STUDY.	15
<u>MEMPHIS CITY SCHOOL SYSTEM,</u> <u>TENN. DEPT. OF INSTRUCTION,</u> VT 017 522 "CAREER AWARENESS" IN THE ELEMENTARY GRADES. INSTRUCTIONAL TELEVISION TEACHER'S GUIDE FOR GRADES FOUR, FIVE AND SIX.	76	<u>MILWAUKEE PUBLIC SCHOOLS, WIS.</u> VT 013 287 ELECTRONICS 1-4.	11
		<u>MINNESOTA STATE DEPT. OF</u> <u>EDUCATION, ST. PAUL,</u> VT 100 473 THE TEACHER'S ROLE IN CAREER DEVELOPMENT.	91

AUTHOR INDEX

	PAGE		PAGE
<u>MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON, DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.</u>		<u>MUNGER, RALPH</u>	
VT 018 993 ED 073 288	82	VT 101 666	117
CAREER EDUCATION: A HANDBOOK FOR PROGRAM INITIATION.		RESEARCH OF AFFECT OF VISUAL MATERIALS IN MANUFACTURING PROCESS ON LEARNING. FINAL REPORT.	
<u>MOON, DONALD E.</u>		<u>MURPHY, JOHN D., JR.</u>	
VT 102 104	122	VT 016 659	70
A GUIDE TO THE PLANNING OF INDUSTRIAL ARTS FACILITIES. 24TH YEARBOOK.		SAFETY IN INDUSTRIAL ARTS EDUCATION FOR LOUISIANA SCHOOLS.	
<u>MOORE, ALLEN B.</u>		<u>MUSKEGON PUBLIC SCHOOLS, MICH.</u>	
VT 016 524 ED 068 627	68	VT 101 007	104
ABSTRACTS OF INSTRUCTIONAL MATERIALS FOR CAREER EDUCATION.		COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 7-9.	
<u>MOORE, NORMAN R., ED.</u>		VT 101 008	104
VT 101 043	105	COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. K-6.	
LEARNING MATERIALS. FREE AND INEXPENSIVE. 17TH BIENNIAL EDITION.		VT 101 009	104
<u>MORGAN, BOBBY</u>		COMPREHENSIVE CAREER EDUCATION DEVELOPMENT PROJECT. MUSKEGON PUBLIC SCHOOLS. CURRICULUM BASED UNIT PLANS. 10-12.	
VT 015 636	62	<u>NATCHITOCHEES CENTRAL HIGH SCHOOL, LA.</u>	
AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		VT 100 476	92
<u>MORGAN, CURTIS L., JR.</u>		MACHINES. UNIT III: FORCE AND MOTION. LEVEL: NINE. LESSON I: INDIVIDUAL STUDY GUIDE FOR STUDENT.	
VT 100 857	101	<u>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, CLEVELAND, OHIO, LEWIS RESEARCH CENTER.</u>	
PREPARING FOR THE WORLD OF WORK. K-6.		VT 014 596 ED 058 455	34
<u>MORRIS HILL HIGH SCHOOLS, ROCKAWAY, N.J.</u>		EXPLORING IN AEROSPACE ROCKETRY. AN INTRODUCTION TO THE FUNDAMENTALS OF ROCKETRY.	
VT 013 509	14		
TECHNICAL GRAPHICS.			
<u>MORRIS, KEN, COMP.</u>			
VT 018 993 ED 073 288	82		
CAREER EDUCATION: A HANDBOOK FOR PROGRAM INITIATION.			

AUTHOR INDEX

	PAGE		PAGE
VT 014 597 ED 058 456 EXPLORING IN AERONAUTICS. AN INTRODUCTION TO AERONAUTICAL SCIENCES.	34	<u>NEW YORK CITY BOARD OF EDUCATION, BROOKLYN, N.Y. BUREAU OF CURRICULUM DEVELOPMENT.</u>	
<u>NATIONAL TOOL, DIE AND PRECISION MACHINING ASSOCIATION, WASHINGTON, D.C.</u> VT 100 305	90	VT 017 185 ED 068 685 INDUSTRIAL ARTS IN THE ELEMENTARY SCHOOL PROGRAM: MOTIVATION FOR LEARNING IN KINDERGARTEN TO GRADE 4.	72
BASIC TRAINING GUIDE TO THE NEW METRICS AND SI UNITS.		<u>NEW YORK STATE DEPT. OF EDUCATION, ALBANY, BUREAU OF SECONDARY CURRICULUM DEVELOPMENT.</u>	
<u>NATIONAL VOCATIONAL GUIDANCE ASSOCIATION, WASHINGTON, D.C.</u> VT 100 473	91	VT 100 615 COPING WITH THE PROBLEMS OF A TECHNOLOGICAL AGE. PART I AND II.	94
THE TEACHER'S ROLE IN CAREER DEVELOPMENT.		<u>NEW YORK STATE EDUCATION DEPT., ALBANY.</u>	
<u>NEDERLAND INDEPENDENT SCHOOL DISTRICT, TEXAS.</u> VT 013 406	13	VT 014 892 ED 060 218 BEHAVIORAL OBJECTIVES TRAINING PACKAGE.	43
INDUSTRIAL ARTS, GRADES 9 THROUGH 12. (EXPERIMENTAL EDITION).		<u>NEW YORK STATE EDUCATION DEPT., ALBANY, BUREAU OF INDUSTRIAL ARTS.</u>	
<u>NEVADA STATE DEPT. OF EDUCATION, CARSON CITY, DIV. OF VOCATIONAL-TECHNICAL AND ADULT EDUCATION.</u>	102	VT 101 223 SECONDARY INDUSTRIAL ARTS. AN INSTRUCTIONAL PLANNING GUIDE.	107
VT 100 907 ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.		<u>NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK.</u>	
<u>NEVADA UNIV., RENO, COLL. OF EDUCATION.</u>	102	VT 100 916 BOOKS FOR AUTOMOBILE MECHANICS PROGRAMS.	103
VT 100 907 ORIENTATION TO HEALTH OCCUPATIONS. CURRICULUM GUIDE. PHASES I, II, AND III. CAREER EDUCATION.		<u>NORTH DAKOTA UNIV., GRAND FORKS.</u>	
		VT 102 372 SUGGESTED MASTER PLAN FOR INDUSTRIAL ARTS PROGRAMS IN NORTH DAKOTA SCHOOLS. FINAL REPORT.	125

AUTHOR INDEX

PAGE

PAGE

NORTHERN ARIZONA UNIV.,
FLAGSTAFF,
VT 101 304 109
A COMPUTERIZED TASK INVENTORY
SYSTEM FOR PROVIDING
CURRICULUM CONTENT.
CARPENTRY. FINAL REPORT.

NORTHERN ILLINOIS UNIV., DE
KALB,
VT 014 991 ED 062 519 49
FOR THOSE DEVELOPING WORLD OF
WORK RESOURCE UNITS FOR
ELEMENTARY SCHOOL TEACHERS.

OHIO INDUSTRIAL ARTS
ASSOCIATION, COLUMBUS,
VT 013 033 9
INDUSTRIAL ARTS CURRICULUM
GUIDE FOR GRAPHIC ARTS IN
OHIO SCHOOLS.

OHIO STATE DEPT. OF EDUCATION,
COLUMBUS, OHIO,
VT 013 033 9
INDUSTRIAL ARTS CURRICULUM
GUIDE FOR GRAPHIC ARTS IN
OHIO SCHOOLS.

OHIO STATE UNIV., COLUMBUS,
CENTER FOR VOCATIONAL AND
TECHNICAL EDUCATION,
VT 014 642 ED 057 257 36
ABSTRACTS OF INSTRUCTIONAL
MATERIALS IN VOCATIONAL AND
TECHNICAL EDUCATION AND
ABSTRACTS OF RESEARCH AND
RELATED MATERIALS IN
VOCATIONAL AND TECHNICAL
EDUCATION. ANNUAL INDEX 1970-
71.

VT 014 872 ED 059 407 43
MICROFICHE COLLECTION OF
CLEARINGHOUSE DOCUMENTS
REPORTED IN ABSTRACTS OF
INSTRUCTIONAL MATERIALS IN
VOCATIONAL AND TECHNICAL
EDUCATION (AIM), VOLUME 5,
NUMBER 1.

VT 015 445 ED 062 577 58
INDUSTRIAL ARTS EDUCATION--
INSTRUCTIONAL MATERIALS.

VT 016 524 ED 068 627 68
ABSTRACTS OF INSTRUCTIONAL
MATERIALS FOR CAREER
EDUCATION.

VT 016 648 ED 067 490 69
MICROFICHE COLLECTION OF
CLEARINGHOUSE DOCUMENTS
REPORTED IN ABSTRACTS OF
INSTRUCTIONAL MATERIALS IN
VOCATIONAL AND TECHNICAL
EDUCATION (AIM), VOLUME 5,
NUMBER 4.

VT 017 801 ED 069 919 80
MICROFICHE COLLECTION OF
CLEARINGHOUSE DOCUMENTS
REPORTED IN ABSTRACTS OF
INSTRUCTIONAL MATERIALS IN
VOCATIONAL AND TECHNICAL
EDUCATION (AIM), VOLUME 6,
NUMBER 1.

OHIO STATE UNIV., COLUMBUS,
CENTER FOR VOCATIONAL
EDUCATION,

VT 102 260 123
CAREERS IN TECHNOLOGY.

VT 102 261 123
WORKING WITH TREES.

VT 102 268 123
MAKING TOYS THROUGH TEAMWORK.

VT 102 344 124
METRIC EDUCATION. AN
ANNOTATED BIBLIOGRAPHY FOR
VOCATIONAL, TECHNICAL AND
ADULT EDUCATION. BIBLIOGRAPHY
SERIES NO. 26.

AUTHOR INDEX

	PAGE		PAGE
<u>OHIO STATE UNIV., COLUMBUS.</u> <u>RESEARCH FOUNDATION.</u>		<u>OKLAHOMA STATE DEPT. OF</u> <u>VOCATIONAL AND TECHNICAL</u> <u>EDUCATION, STILLWATER.</u> <u>CURRICULUM AND INSTRUCTIONAL</u> <u>MATERIALS CENTER.</u>	
VT 014 239 ED 058 395	24	VT 101 455	113
THE WORLD OF MANUFACTURING, LABORATORY MANUAL. INDUSTRIAL ARTS CURRICULUM PROJECT.		VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL OCCUPATIONS. REVISED 1974.	
VT 014 240 ED 058 396	24		
THE WORLD OF MANUFACTURING. INDUSTRIAL ARTS CURRICULUM PROJECT.		<u>OLIVER HIGH SCHOOL, PITTSBURGH,</u> <u>PA.</u>	
VT 014 241 ED 058 397	25	VT 102 352	124
THE WORLD OF CONSTRUCTION. INDUSTRIAL ARTS CURRICULUM PROJECT.		FILMSTRIP DEVELOPMENT AS AN AID TO COORDINATE THEORY AND PRACTICE ON THE METALWORKING LATHE. FINAL REPORT.	
VT 014 242 ED 058 398	26	<u>OMAHA PUBLIC SCHOOLS, NEBR.</u> <u>DEPT. OF VOCATIONAL AND ADULT</u> <u>EDUCATION.</u>	
THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 1. INDUSTRIAL ARTS CURRICULUM PROJECT.		VT 016 658	69
VT 014 243 ED 058 399	26	COMMUNICATIONS: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	
THE WORLD OF CONSTRUCTION, LABORATORY MANUAL, SEMESTER 2. INDUSTRIAL ARTS CURRICULUM PROJECT.		VT 017 519	75
VT 014 244 ED 058 400	27	MANUFACTURING: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	
THE WORLD OF CONSTRUCTION, TEACHER'S GUIDE. INDUSTRIAL ARTS CURRICULUM PROJECT.		VT 017 520	76
<u>OKLAHOMA STATE BOARD OF</u> <u>VOCATIONAL EDUCATION,</u> <u>STILLWATER.</u>		CONSTRUCTION: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	
VT 101 406	110		
CAREER AWAKENESS K-6 (ELEMENTARY). DICTIONARY OF OCCUPATIONAL TITLES.			
<u>OKLAHOMA STATE DEPT. OF</u> <u>VOCATIONAL AND TECHNICAL</u> <u>EDUCATION, STILLWATER.</u>			
VT 018 564	81		
BASIC DRAFTING INSTRUCTIONAL UNITS. CURRICULUM MATERIAL.			

AUTHOR INDEX

	PAGE		PAGE
VT 017 637 POWER: INDUSTRIAL EDUCATION CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.	77	<u>OREGON COLL. OF EDUCATION, MONMOUTH. TRAINING CENTER FOR TEACHERS OF MIGRANT AND DISADVANTAGED.</u> VT 004 184	2
<u>OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION.</u> VT 100 853 WORLD OF TRANSPORTATION. K-6. TEACHER'S GUIDE.	100	SYLLABUS FOR PRE-VOCATIONAL AND VOCATIONAL EDUCATION PROGRAMS FOR THE DISADVANTAGED.	
VT 100 854 WORLD OF WORK. TEACHER'S GUIDE. JUNIOR HIGH.	100	<u>OREGON STATE BOARD OF EDUCATION, SALEM.</u> VT 100 310	90
VT 100 855 WORLD OF COMMUNICATION. K-6.	100	INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.	
VT 100 857 PREPARING FOR THE WORLD OF WORK. K-6.	101	<u>OREGON STATE BOARD OF EDUCATION, SALEM. DIV. OF COMMUNITY COLLEGES AND CAREER EDUCATION.</u> VT 014 700 ED 059 384	37
VT 100 867 MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.	101	CURRICULUM GUIDE FOR ELECTRICITY-ELECTRONICS.	
VT 101 419 A MANUFACTURING MINI-UNIT CENTERED AROUND AN ORIGINAL PLAY.	111	VT 014 701 ED 059 385	38
VT 101 434 GENERAL MATH TOPICS AND RELATED CAREERS.	112	CURRICULUM GUIDE FOR METALS.	
<u>OPHEIM, EARL L.</u> VT 013 538 COURSE OF STUDY FOR EDUCATION AND VOCATIONAL PLANNING.	16	<u>OREGON STATE UNIV., CORVALLIS.</u> VT 100 310	90
<u>ORANGE COUNTY PUBLIC SCHOOLS, OKLANOO, FLA.</u> VT 019 269 MOVING PRODUCTS BY LAND TRANSPORTATION: A UNIT IN THE TRANSPORTATION OCCUPATIONS CLUSTER. ELEMENTARY SCHOOL UNIT FOR GRADES 2-6.	85	INDIVIDUALIZED CURRICULUM FOR ELECTRONICS.	
		VT 101 565	115
		CONSORTIUM FOR PLANNING, DEVELOPING, AND IMPLEMENTING EXPLORATORY INDUSTRIAL CAREER DEVELOPMENT MODELS (PHASE I OF THREE PHASES). INTERIM REPORT AND PROPOSAL.	
		<u>OWEN, MARGARET</u> VT 014 506	31
		COMMERCIALLY PREPARED MATERIALS. A "UNIVERSE MODEL" OF OCCUPATIONAL EDUCATION FOR PIKEVILLE, KENTUCKY, IN CONJUNCTION WITH THE PIKEVILLE MODEL CITIES PROGRAM.	

AUTHOR INDEX

	PAGE		PAGE
<u>PALMER, JOHN C.</u> VT 100 446 A GUIDE FOR TEACHING JUNIOR HIGH POWER MECHANICS.	90	<u>PIERSON, JOHN E.</u> VT 100 849 ELEMENTARY ARC WELDING SKILLS.	99
<u>PARADY, W. HAROLD</u> VT 014 650 ELECTRIC MOTORS—SELECTION, PROTECTION, AND DRIVES.	37	<u>PIETERSE, CHARLES</u> VT 101 615 WORLD OF WORK, VOLUME IV, INDUSTRIOLOGY PLANBOOK. FINAL REPORT.	116
<u>PAUP, WILLIAM G.</u> VT 013 847 HIGH SCHOOL DRAFTING, COURSE OF STUDY.	21	<u>PIETERSE, CHARLES</u> VT 101 617 WORLD OF WORK. VOLUME II. LEARNING PACKETS. FINAL REPORT.	116
<u>PAUTLER, ALBERT J.</u> VT 017 073 TEACHING SHOP AND LABORATORY SUBJECTS. THE MERRILL SERIES IN CAREER PROGRAMS.	71	<u>PITT COUNTY SCHOOLS, GREENVILLE, N.C.</u> VT 015 411 PITT COUNTY MIDDLE GRADES PROJECT, I-III.	55
<u>PENDERED, NORMAN C.</u> VT 017 077 INDUSTRIAL ARTS IN GENERAL EDUCATION.	72	<u>PITT COUNTY SCHOOLS, GREENVILLE, N.C.</u> VT 015 413 PITT COUNTY MIDDLE GRADES PROJECT: CONSTRUCTION INDUSTRIES, MANUFACTURING INDUSTRIES AND AGRICULTURAL OCCUPATIONS.	56
<u>PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG, BUREAU OF VOCATIONAL, TECHNICAL AND CONTINUING EDUCATION.</u> VT 014 200 ED 056 227 GUIDELINES TO INITIATE AND OPERATE A COOPERATIVE VOCATIONAL EDUCATION PROGRAM.	23	<u>PITTSBURGH BOARD OF PUBLIC EDUCATION, PA. DEPT. OF CURRICULUM AND INSTRUCTION.</u> VT 101 206 OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE II - 7TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.	106
<u>PENNSYLVANIA STATE DEPT. OF JUSTICE, HARRISBURG, BUREAU OF CORRECTION.</u> VT 015 941 VOCATIONAL EDUCATION PROGRAM OF STUDIES. TRANSPORTATION CLUSTER, VOLUME I-VII.	65	<u>PITTSBURGH BOARD OF PUBLIC EDUCATION, PA. DEPT. OF CURRICULUM AND INSTRUCTION.</u> VT 101 231 OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE III - 8TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.	107
<u>PERKINS, LYNN</u> VT 017 316 LET'S GO TO A PAPER MILL. LET'S GO SERIES.	73	<u>PITTSBURGH BOARD OF PUBLIC EDUCATION, PA. DIV. OF CURRICULUM AND INSTRUCTION.</u> VT 013 513 SMALL GAS ENGINES I, COURSE OF STUDY.	14

AUTHOR INDEX

	PAGE		PAGE
VT 013 514 SMALL GAS ENGINES II, COURSE OF STUDY.	15	<u>RAMIGE, JOYCE</u> VT 101 434 GENERAL MATH TOPICS AND RELATED CAREERS.	112
<u>PITTSBURGH PUBLIC SCHOOLS, PA.</u> VT 101 207 OCCUPATIONAL, VOCATIONAL, AND TECHNICAL EDUCATION. PHASE I - 6TH GRADE. COURSE OF STUDY. EXPLORATORY EDUCATION.	106	<u>RAYMOND, L.E.</u> VT 013 860 INTRODUCTION TO WOOD FINISHING.	22
<u>PITTSBURGH PUBLIC SCHOOLS, PA.</u> <u>DIV. OF OCCUPATIONAL,</u> <u>VOCATIONAL, AND TECHNICAL</u> <u>EDUCATION.</u> VT 015 421 OVT EXPLORATORY PROGRAM. PHASE I, II, AND III. GRADES 6-8. COURSE OF STUDY.	57	<u>REDONDO UNION HIGH SCHOOL OF</u> <u>THE SOUTH BAY UNION HIGH SCHOOL</u> <u>DISTRICT, REDONDO BEACH, CALIF.</u> VT 013 363 AERONAUTICAL SCIENCE COURSE OF STUDY.	12
<u>PLASTICS EDUCATION FOUNDATION,</u> <u>GREENWICH, CONN.</u> VT 014 269 PLASTICS EDUCATION GUIDE.	27	<u>REFRIGERATING ENGINEERS AND</u> <u>TECHNICIANS ASSOCIATION,</u> <u>CHICAGO, ILL.</u> VT 015 001 BASIC ELECTRICITY STUDY COURSE.	49
<u>PONTIAC CITY SCHOOL DISTRICT,</u> <u>MICH.</u> VT 015 201 TRANSPORTATION. UNIT FOR UPPER ELEMENTARY STUDENTS.	50	<u>RHODE ISLAND COLL., PROVIDENCE,</u> <u>CURRICULUM RESOURCES CENTER.</u> VT 019 340 ED 073 324 ANNOTATED BIBLIOGRAPHY ON CAREER EDUCATION.	85
<u>POST, BELVA R.</u> VT 014 791 COURSE OF STUDY FOR BUILDING CONSTRUCTION.	39	<u>RILEY, PETER</u> VT 101 332 ELEMENTARY CRAFTS PROGRAM (FORMERLY OTHER LADDERS). FINAL REPORT.	109
<u>POTTAWATTAMIE COUNTY SCHOOL</u> <u>SYSTEM, COUNCIL BLUFFS, IOWA.</u> VT 100 639 CAREER EDUCATION CATALOG.	96	<u>ROBERT F. KENNEDY YOUTH CENTER,</u> <u>MORGANTOWN, W. VA. BUREAU OF</u> <u>PRISONS.</u> VT 014 373 PERFORMANCE OBJECTIVE HANDBOOK, 1970-71.	29
<u>PURDUE UNIV., LAFAYETTE, IND.</u> VT 101 239 A GUIDE TO THE METRIC SYSTEM.	107	<u>ROCHESTER INST. OF TECH., N.Y.</u> VT 100 512 GOING METRIC WITH THE UNITED STATES PRINTING INDUSTRY.	93

AUTHOR INDEX

	PAGE		PAGE
<u>ROMINE, DELOBES.</u>		VT 014 943	47
VT 100 122	88	EXPLORATORY DRAFTING--	
"WORK IN THE WOODS", CAREER		ELECTRONICS.	
EDUCATION UNIT FOR PRIMARY		VT 014 944	48
GRADES.		EXPLORATORY DRAFTING--CARPENTRY.	
<u>ROYAL OAK SCHOOL DISTRICT,</u>		VT 014 945	48
<u>MICH.</u>		EXPLORATORY DRAFTING--AUTO	
VT 101 980	119	BODY REPAIR.	
LEARNING EXPERIENCES IN		VT 101 412	110
TECHNOLOGY. BOOK I FOR GRADES		INTRODUCTION TO VOCATIONS. A	
K-2.		TEACHERS GUIDE.	
VT 101 981	120	VT 101 415	111
LEARNING EXPERIENCES IN		HANDBOOK OF CAREER	
TECHNOLOGY. BOOK II FOR		INFORMATION RESOURCES.	
GRADES 3 AND 4.		VT 101 443	112
VT 101 982	120	BACKGROUND FOR BUILDERS -	
LEARNING EXPERIENCES IN		RELATED SCIENCE AND TRADE	
TECHNOLOGY. BOOK III FOR		INFORMATION FOR THE BUILDING	
GRADES 5 AND 6.		TRADES.	
<u>RUSS, GEORGE</u>		VT 101 445	112
VT 014 193	22	VOCABULARY SKILLS - AUTO	
DRAFTING; A FIRST YEAR COURSE		SHOP. BOOKLET I -	
FOR THE COMPREHENSIVE		ALPHABETIZING; BOOKLET II -	
SECONDARY SCHOOL.		WORD STUDY; BOOKLET III -	
<u>RUTGERS, THE STATE UNIV., NEW</u>		WORD MEANING.	
<u>BRUNSWICK, N.J. CURRICULUM LAB.</u>		VT 101 602	115
VT 014 935	44	BASIC CONCEPTS IN NUMERICAL	
EXPLORATORY DRAFTING--AUTO		CONTROL.	
MECHANICS.		<u>RUTGERS, THE STATE UNIV., NEW</u>	
VT 014 936	45	<u>BRUNSWICK, N.J.</u>	
EXPLORATORY DRAFTING--MASONRY.		<u>VOCATIONAL-TECHNICAL CURRICULUM</u>	
VT 014 937	45	<u>LAB.</u>	
EXPLORATORY DRAFTING--SHEET		VT 013 509	14
METAL.		TECHNICAL GRAPHICS.	
VT 014 938	46	VT 014 193	22
EXPLORATORY DRAFTING--MACHINE		DRAFTING; A FIRST YEAR COURSE	
SHOP.		FOR THE COMPREHENSIVE	
VT 014 940	46	SECONDARY SCHOOL.	
EXPLORATORY DRAFTING--PRINTING.		VT 014 194	23
VT 014 941	46	BASIC IGNITION AND THE SUN	
EXPLORATORY DRAFTING:-		OSCILLOSCOPE, INSTRUCTOR'S	
HORTICULTURE.		GUIDE.	
VT 014 942	47	<u>SAN DIEGO CITY SCHOOLS, CALIF.</u>	
EXPLORATORY DRAFTING--		VT 100 446	90
COMMERCIAL ART.		A GUIDE FOR TEACHING JUNIOR	
		HIGH POWER MECHANICS.	



AUTHOR INDEX

	PAGE		PAGE
<u>SANDERS, HARRY E.</u> VT 015 632 POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	61	<u>SHIPP, JEANETTA C.</u> VT 101 406 CAREER AWARENESS K-6 (ELEMENTARY). DICTIONARY OF OCCUPATIONAL TITLES.	110
<u>SAVAGE, EDWARD</u> VT 015 233 THE FACTORY: A ROLE-PLAYING UNIT IN VOCATIONAL DEVELOPMENT FOR PRIMARY AND INTERMEDIATE SCHOOL STUDENTS.	54	<u>SHYKORA, MATT M., COMP.</u> VT 014 402 SAFETY.	30
<u>SELLERS, ROBERT C., ED.</u> VT 100 305 BASIC TRAINING GUIDE TO THE NEW METRICS AND SI UNITS.	90	<u>SIDOTI, DOMINICK J.</u> VT 014 194 BASIC IGNITION AND THE SUN OSCILLOSCOPE, INSTRUCTOR'S GUIDE.	23
<u>SHAWNEE MISSION PUBLIC SCHOOLS, KANS.</u> VT 018 482 DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON- SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN MATERIALS/PROCESSES.	80	<u>SIMMONSON, HERBERT C.</u> VT 014 193 DRAFTING; A FIRST YEAR COURSE FOR THE COMPREHENSIVE SECONDARY SCHOOL.	22
<u>VT 100 031</u> DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SCIENTIFIC EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON- SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN COMMUNICATIONS TECHNOLOGY.	86	<u>SINN, HAROLD</u> VT 013 287 ELECTRONICS 1-4.	11
<u>VT 100 032</u> DEVELOPMENTS OF THE 1972 SUMMER WORKSHOP OF SECONDARY EXPLORATION OF TECHNOLOGY (INDEPENDENCE-BURLINGTON- SHAWNEE MISSION). A TRIAL 9TH AND/OR 10TH GRADE INDUSTRIAL ARTS COURSE IN POWER (CONVERSION, TRANSMISSION AND UTILIZATION).	87	<u>SMITH, GEORGE W., JR.</u> VT 013 575 SMALL ENGINES; CARE-- OPERATION--MAINTENANCE-- REPAIR. VOLUME I OF TWO VOLUMES.	17
		<u>SOCIETY OF THE PLASTICS INDUSTRY, INC., NEW YORK, N.Y. COMMITTEE ON PLASTICS EDUCATION.</u> VT 014 269 PLASTICS EDUCATION GUIDE.	27
		<u>SOLOMITA, ARMAND B.</u> VT 100 455 SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.	91

AUTHOR INDEX

	PAGE		PAGE
<u>SOURIEMAN, VIVIAN</u>		VT 015 636	62
VT 015 224	51	AIR CONDITIONING AND REFRIGERATION. TEACHER'S GUIDE. A UNIT IN PREVOCAATIONAL EDUCATION.	
COMMUNICATIONS UNIT, 4TH AND 5TH GRADES.			
<u>SOUTH BEND COMMUNITY SCHOOL CORP., IND.</u>		VT 015 638	62
VT 019 167	84	MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCAATIONAL EDUCATION.	
CURRICULUM GUIDE FOR BEGINNING METALS.			
<u>SOUTH CAROLINA REGION 5 EDUCATIONAL SERVICES CENTER, LANCASTER.</u>		VT 015 639	62
VT 014 921	44	ELECTRICITY. TEACHER'S GUIDE. A UNIT IN PREVOCAATIONAL EDUCATION.	
CAREER ORIENTATION COURSE OUTLINES FOR GRADES 1-8.			
<u>SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA, OFFICE OF VOCATIONAL EDUCATION.</u>		VT 100 458	91
VT 015 627	60	SMALL GASOLINE ENGINES. FLOAT TYPE CARBURETOR REPAIR: AN INDIVIDUAL INSTRUCTION MANUAL.	
SUGGESTIONS FOR IMPLEMENTING AND ORGANIZING PREVOCAATIONAL EDUCATION PROGRAMS FOR SOUTH CAROLINA. TEACHER'S GUIDE. A UNIT IN PREVOCAATIONAL EDUCATION.			
<u>SOUTH-WESTERN CITY SCHOOL DISTRICT, GROVE CITY, OHIO.</u>		VT 020 552	85
VT 015 629	60	MANUFACTURING UNIT. INTERMEDIATE LEVEL.	
METALWORKING. TEACHER'S GUIDE. A UNIT IN PREVOCAATIONAL EDUCATION.			
<u>SOUTHERN ILLINOIS UNIV., CARBONDALE, DEPT. OF AGRICULTURAL INDUSTRIES.</u>		VT 100 618	95
VT 015 631	61	AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.	
BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCAATIONAL EDUCATION.			
<u>SOUTHERN ILLINOIS UNIV., CARBONDALE, DEPT. OF OCCUPATIONAL EDUCATION.</u>		VT 100 619	96
VT 015 632	61	AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.	
POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCAATIONAL EDUCATION.			
<u>SOUTHERN ILLINOIS UNIV., CARBONDALE, DEPT. OF OCCUPATIONAL EDUCATION.</u>		VT 102 100	121
VT 015 635	61	THE CAREER PLAN PROCESS. A CURRICULUM MODEL FOR ORIENTATION TO THE INDUSTRIAL RELATED OCCUPATIONS FOR GRADES NINE AND TEN.	
GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCAATIONAL EDUCATION.			

AUTHOR INDEX

	PAGE		PAGE
<u>SOUTHINGTON PUBLIC SCHOOLS.</u> <u>CONN.</u> VT 100 455	91	<u>STUNARD, E. ARTHUR, ED.</u> VT 014 357 ED 057 236 BOOKS.	28
SUBJECT-RELATED OCCUPATIONS, GRADES 7-9.		<u>SULLIVAN, GEORGE</u> VT 017 642	77
<u>STABLER, NICK</u> VT 015 635	61	THE NEW WORLD OF CONSTRUCTION ENGINEERING. THE NEW WORLDS SERIES.	
GRAPHIC ARTS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		<u>SYRACUSE CITY SCHOOL DISTRICT,</u> <u>N.Y.</u> VT 014 513	32
<u>STALLSMITH, DOUGLAS D.</u> VT 101 474	114	CAREERS UNLIMITED...MANUFACTURING-- SCIENCE.	
GUIDELINES FOR PLANNING INDUSTRIAL EDUCATION FACILITIES AND EQUIPMENT.		VT 014 516	32
<u>STEADMAN, JERRY</u> VT 015 638	62	CAREERS UNLIMITED...STRUCTURAL WORK-- SOCIAL STUDIES.	
MECHANICAL DRAWING. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.		VT 014 551	33
<u>STEPNICH, IVAN C.</u> VT 015 001	49	CAREERS UNLIMITED...MANUFACTURING-- ENGLISH.	
BASIC ELECTRICITY STUDY COURSE.		VT 014 556	33
<u>SLITT, THOMAS B.</u> VT 100 616	95	TRANSPORTATION CAREERS. GUIDED OCCUPATIONAL ORIENTATION.	
A PREVIEW OF AUDIO VISUAL MATERIALS FOR ENVIRONMENTAL EDUCATORS.		VT 015 536	59
VT 100 618	95	WORKERS IN HOUSE CONSTRUCTION.	
AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.		<u>TENNESSEE STATE BOARD FOR</u> <u>VOCATIONAL EDUCATION,</u> <u>NASHVILLE.</u> VT 016 375	68
VT 100 619	96	COURSE OUTLINE FOR GENERAL WOODWORKING.	
AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.		<u>TENNYSON, W. WESLEY</u> VT 100 473	91
<u>STOUT STATE UNIV., MENOMONIE,</u> <u>WIS.</u> VT 015 420 ED 066 555	57	THE TEACHER'S ROLE IN CAREER DEVELOPMENT.	
AMERICAN INDUSTRY INSTRUCTOR'S GUIDE. LEVEL I, PART 1 AND 2.			

AUTHOR INDEX

	PAGE		PAGE
<u>TEXAS A AND M UNIV., COLLEGE STATION, DEPT. OF INDUSTRIAL EDUCATION.</u>		<u>TRACY, VIRGINIA</u>	
VT 015 398	55	VT 101 445	112
A PROPOSED INDUSTRIAL TECHNOLOGY CURRICULUM FOR THE ALLEN ACADEMY.		VOCABULARY SKILLS - AUTO SHOP. BOOKLET I - ALPHABETIZING; BOOKLET II - WORD STUDY; BOOKLET III - WORD MEANING.	
<u>TEXAS UNIV., AUSTIN, DIV. OF EXTENSION.</u>		<u>TREADWELL, DONNIE E.</u>	
VT 100 147	89	VT 019 135	84
HAND TOOLS FOR METALWORKING TRADES.		CURRICULUM GUIDE FOR AUTO MECHANICS, 1972.	
<u>THOMAS, DICK</u>		<u>TRI-COUNTY TECH SCHOOL, COPE, S.C.</u>	
VT 015 614	59	VT 015 632	61
ELECTRICITY--ELECTRONICS COURSE OF STUDY. GRADES 9-12.		POWER MECHANICS. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	
<u>THOMAS, LEON</u>		<u>TULSA PUBLIC SCHOOLS, OKLA.</u>	
VT 100 867	101	VT 100 449	91
MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.		A CAREER ORIENTATION AND EXPLORATION GUIDE FOR TEACHERS OF PRACTICAL ARTS SUBJECTS: INDUSTRIAL ARTS, HOMEMAKING, BUSINESS EDUCATION, MIDDLE/JUNIOR HIGH SCHOOL. A UNIT IN CAREER EDUCATION.	
<u>TODD, RONALD D.</u>		<u>TURNER, J. HOWARD</u>	
VT 013 483 ED 053 312	14	VT 013 575	17
AUTOMATION IN THE SCHOOLS: A PRESENTATION ON THE AUTOMATION STUDY PROJECT GIVEN TO THE MATERIAL HANDLING INSTITUTE, PHILADELPHIA, PENNSYLVANIA.		SMALL ENGINES; CARE--OPERATION--MAINTENANCE--REPAIR. VOLUME I OF TWO VOLUMES.	
VT 100 481	92		
A PROPOSED CURRICULUM IN TECHNOLOGY: THE "WORLD OF WORK" AND CAREERS. UNDATED WORKING PAPER.			
<u>TOLEDO PUBLIC SCHOOLS, OHIO.</u>			
VT 015 433	58		
CAREER ORIENTATION 7-8.			

AUTHOR INDEX

	PAGE		PAGE
<u>UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.</u>		<u>VITRO, FRANK T., JR.</u>	
VT 014 850	42	VT 101 287	108
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.		LEARNING RESEARCH AND PRINCIPLES AS APPLIED TO CLASSROOM LEARNING: PART I.	
VT 014 851	42	<u>WAGNER, DENNIS</u>	
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.		VT 100 867	101
VT 014 904	44	MANUFACTURING AND BUILDING CONSTRUCTION, AND OCCUPATIONS.	
INDUSTRIAL ARTS—AN INTRODUCTION TO LAPIDARY.		<u>WARREN CITY SCHOOLS, OHIO.</u>	
VT 100 644	96	VT 013 817	19
INDUSTRIAL EDUCATION SAFETY GUIDE. RECOMMENDATIONS AND UTAH OCCUPATIONAL SAFETY AND HEALTH ACT (UOSHA) STANDARDS.		PRE-VOCATIONAL. GRADE 10, CURRICULUM GUIDE.	
<u>UTAH STATE UNIV., LOGAN.</u>		<u>WARREN COUNTY AREA VOCATIONAL-TECHNICAL SCHOOL, WASHINGTON, N.J.</u>	
VT 013 284	11	VT 100 912	102
MASS PRODUCTION.		BUILDING CONSTRUCTION: RELATED DRAWING. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	
<u>VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG, VA. OF VOCATIONAL-TECHNICAL EDUCATION.</u>		VT 100 913	103
VT 100 840	99	BUILDING CONSTRUCTION: RELATED SCIENCE. TEACHERS GUIDE: BEHAVIORAL OBJECTIVES, INDIVIDUALIZED CURRICULUM.	
BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.		<u>WILBER, GORDON O.</u>	
VT 101 017	104	VT 017 077	72
STUDENT INJURY AND TEACHER LIABILITY. A SELF-INSTRUCTIONAL UNIT.		INDUSTRIAL ARTS IN GENERAL EDUCATION.	
		<u>WILLIAMS, GRACE</u>	
		VT 014 391	29
		A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS. APPENDIX X TO ANNUAL INTERIM REPORT.	

AUTHOR INDEX

	PAGE		PAGE
VT 100 609 A CURRICULUM GUIDE FOR OCCUPATIONAL ORIENTATION AND EXPLORATION IN JUNIOR HIGH SCHOOL HOME ECONOMICS AND INDUSTRIAL ARTS.	94	<u>WISCONSIN STATE UNIV., PLATTEVILLE, COLL. OF INDUSTRY.</u> VT 017 466 ED 068 735 INDUSTRIOLOGY--THE SCIENCE OF INDUSTRY.	75
<u>WILLIAMS, ROBERT J.</u> VT 013 817 PRE-VOCATIONAL. GRADE 10, CURRICULUM GUIDE.	19	<u>WISCONSIN UNIV. - STOUT, MENOMONIE, CENTER FOR VOCATIONAL, TECHNICAL AND ADULT EDUCATION.</u> VT 101 603 TECHNIQUES IN INDIVIDUALIZED INSTRUCTION.	115
<u>WILLIAMS, WILLIAM R., ED.</u> VT 100 840 BEHAVIORAL OBJECTIVES FOR SELECTED UNITS IN DRAFTING.	99	<u>WRIGHT, JAMES E.</u> VT 015 631 BUILDING CONSTRUCTION. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.	61
<u>WISCONSIN STATE DEPT. OF INDUSTRY, LABOR AND HUMAN RELATIONS, MADISON.</u> VT 015 963 AUTO ASSEMBLY JOBS. WORLD OF WORK.	66	<u>YORK, EDWIN</u> VT 101 466 HISTORIC NEW JERSEY OCCUPATIONS. A RICH RESOURCE FOR THE CAREER AWARENESS OF TODAY'S CHILDREN AND YOUTH.	113
<u>WISCONSIN STATE DEPT. OF PUBLIC INSTRUCTION, MADISON.</u> VT 100 670 WISCONSIN GUIDE TO LOCAL CURRICULUM IMPROVEMENT IN INDUSTRIAL EDUCATION, K-12.	97		
<u>WISCONSIN STATE DEPT. OF TRANSPORTATION, MADISON, DIV. OF AERONAUTICS.</u> VT 014 227 RECOMMENDED MINIMUM AEROSPACE MATERIALS FOR A SCHOOL SYSTEM.	24		
<u>WISCONSIN STATE EMPLOYMENT SERVICE, MADISON, OCCUPATIONAL ANALYSIS FIELD CENTER.</u> VT 015 963 AUTO ASSEMBLY JOBS. WORLD OF WORK.	66		

VT-ED NUMBER CROSS REFERENCE INDEX

This index lists, in ascending order, the VT numbers of all documents included in this publication. Those VT numbers preceded by a number sign (#) are available from the original publisher or supplier. Consult the abstract for complete ordering information. VT numbers preceded by an asterisk (*) indicate that the document is available individually from the ERIC Document Reproduction Service. Other VT-numbered documents are available as part of the AIM/ARM, VT-ERIC Microfiche Sets. For these items, the set ED number is given and the microfiche on which the document is located is shown in the Microfiche Sheet column.

225

234

VT NUMBER	ED NUMBER	MICROFICHE SHEET	VT NUMBER	ED NUMBER	MICROFICHE SHEET
VT 002 976	ED 059 407	1, 2	VT 013 827	ED 062 563	91, 92
VT 004 184	ED 063 502	2, 3	VT 013 847	ED 062 563	95, 96
VT 007 863	ED 062 563	6, 7	VT 013 860	ED 062 563	107
VT 010 610	ED 059 407	7, 8	VT 013 861	ED 062 563	108
VT 010 642	ED 062 563	8	VT 014 193	ED 062 563	245, 246
VT 010 643	ED 062 563	8, 9	VT 014 194	ED 062 563	246-249
#VT 010 805			*VT 014 200	ED 056 227	
VT 010 886	ED 062 563	9, 10	VT 014 227	ED 062 563	252
VT 010 887	ED 062 563	10, 11	*VT 014 239	ED 058 395	
VT 011 153	ED 062 563	11-16	*VT 014 240	ED 058 396	
VT 011 299	ED 059 407	10-12	*VT 014 241	ED 058 397	
VT 011 660	ED 059 407	12, 13	*VT 014 242	ED 058 398	
VT 011 661	ED 059 407	13, 14	*VT 014 243	ED 058 399	
VT 011 662	ED 059 407	14, 15	*VT 014 244	ED 058 400	
VT 011 663	ED 059 407	15	VT 014 269	ED 062 563	256
VT 011 664	ED 059 407	15, 16	VT 014 355	ED 063 502	29, 30
VT 011 665	ED 059 407	16, 17	*VT 014 357	ED 057 236	
VT 012 170	ED 062 563	17	VT 014 371	ED 063 502	34-36
VT 013 001	ED 059 407	52	VT 014 373	ED 063 502	36-40
VT 013 033	ED 059 407	53, 54	VT 014 391	ED 063 502	42-44
VT 013 038	ED 059 407	56, 57	VT 014 402	ED 063 502	47, 48
#VT 013 087			VT 014 485	ED 063 502	56, 57
VT 013 101	ED 059 407	68-71	VT 014 503	ED 067 490	2-6
VT 013 284	ED 059 407	172	VT 014 506	ED 063 502	65
VT 013 287	ED 059 407	172, 173	VT 014 513	ED 063 502	78
VT 013 344	ED 059 407	184, 185	VT 014 516	ED 063 502	79
VT 013 363	ED 059 407	187-190	VT 014 551	ED 063 502	110, 111
VT 013 365	ED 059 407	190	VT 014 556	ED 063 502	112, 113
VT 013 403	ED 059 407	197, 198	VT 014 573	ED 063 502	123
VT 013 406	ED 059 407	198-200	*VT 014 596	ED 058 455	
VT 013 423	ED 059 407	202-206	*VT 014 597	ED 058 456	
*VT 013 483	ED 053 312		VT 014 600	ED 063 502	131, 132
VT 013 509	ED 059 407	235-239	VT 014 601	ED 063 502	132
VT 013 513	ED 059 407	242, 243	VT 014 602	ED 063 502	132, 133
VT 013 514	ED 059 407	243	VT 014 603	ED 063 502	133, 134
VT 013 520	ED 059 407	248, 249	*VT 014 642	ED 057 257	
VT 013 538	ED 059 407	276, 277	VT 014 650	ED 063 502	147, 148
VT 013 546	ED 059 407	283, 284	#VT 014 700		
VT 013 547	ED 059 407	284, 285	#VT 014 701		
*VT 013 550	ED 052 368		VT 014 766	ED 063 502	185, 186
#VT 013 575			VT 014 791	ED 063 502	192, 193
VT 013 659	ED 062 563	47	VT 014 792	ED 063 502	193-195
VT 013 747	ED 062 563	55, 56	*VT 014 817	ED 061 429	
VT 013 751	ED 062 563	56	VT 014 824	ED 063 502	206-208
VT 013 758	ED 062 563	59-61	VT 014 843	ED 067 490	21, 22
VT 013 817	ED 062 563	85	VT 014 844	ED 067 490	22-25
VT 013 821	ED 062 563	85-87	VT 014 850	ED 063 502	212-216
VT 013 825	ED 062 563	90, 91	VT 014 851	ED 063 502	216-219

VT NUMBER	ED NUMBER	MICROFICHE SHEET	VT NUMBER	ED NUMBER	MICROFICHE SHEET
*VT 014 872	ED 059 407		*VT 015 820	ED 064 501	
*VT 014 892	ED 060 218		*VT 015 827	ED 065 670	
VT 014 904	ED 067 490	35, 36	VT 015 941	ED 067 490	235-243
VT 014 921	ED 063 502	238-240	VT 015 948	ED 069 919	68-75
VT 014 935	ED 063 502	241-243	VT 015 963	ED 069 919	81
VT 014 936	ED 063 502	243, 244	VT 016 029	ED 069 919	94
VT 014 937	ED 063 502	244, 245	VT 016 179	ED 069 919	107, 108
VT 014 938	ED 063 502	245-247	VT 016 253	ED 069 919	125
VT 014 940	ED 067 490	48, 49	VT 016 268	ED 075 668	6-8
VT 014 941	ED 063 502	247, 248	VT 016 375	ED 069 919	140
VT 014 942	ED 067 490	49, 50	*VT 016 524	ED 068 627	
VT 014 943	ED 067 490	50, 51	*VT 016 648	ED 067 490	
VT 014 944	ED 067 490	51, 52	VT 016 658	ED 083 481	4-6
VT 014 945	ED 067 490	52, 53	VT 016 659	ED 075 668	38
*VT 014 984	ED 061 444		VT 016 677	ED 083 481	7
*VT 014 991	ED 062 519		VT 016 760	ED 075 668	44
#VT 015 001			#VT 017 069		
VT 015 130	ED 069 919	14, 15	#VT 017 073		
VT 015 201	ED 067 490	101	#VT 017 077		
VT 015 223	ED 069 919	15	#VT 017 125		
VT 015 224	ED 067 490	106	#VT 017 185		
*VT 015 227	ED 063 463		#VT 017 298		
*VT 015 229	ED 063 465		#VT 017 316		
*VT 015 230	ED 063 466		#VT 017 409		
*VT 015 231	ED 063 467		#VT 017 410		
VT 015 233	ED 067 490	107, 108	#VT 017 411		
VT 015 278	ED 067 490	112-114	#VT 017 412		
VT 015 398	ED 067 490	154	*VT 017 466	ED 068 735	
VT 015 411	ED 067 490	154-156	VT 017 519	ED 083 481	27-29
VT 015 413	ED 067 490	158, 159	VT 017 520	ED 083 481	29-31
*VT 015 420	ED 066 555		VT 017 522	ED 083 481	31-34
VT 015 421	ED 067 490	159-163	VT 017 637	ED 083 481	65-69
VT 015 433	ED 067 490	177	#VT 017 642		
*VT 015 445	ED 062 577		VT 017 702	ED 083 481	76
VT 015 528	ED 067 490	186-188	VT 017 728	ED 083 481	81-83
VT 015 536	ED 067 490	189	VT 017 730	ED 083 481	85-88
VT 015 614	ED 067 490	208, 209	#VT 017 770		
VT 015 627	ED 067 490	211, 212	#VT 017 788		
VT 015 629	ED 067 490	213	*VT 017 801	ED 069 919	
VT 015 631	ED 067 490	213, 214	#VT 018 307		
VT 015 632	ED 067 490	214, 215	VT 018 482	ED 083 481	115, 116
VT 015 635	ED 067 490	215, 216	VT 018 564	ED 083 481	122-127
VT 015 636	ED 067 490	216, 217	*VT 018 890	ED 073 272	
VT 015 638	ED 067 490	217	*VT 018 993	ED 073 288	
VT 015 639	ED 067 490	217, 218	#VT 019 015		
*VT 015 755	ED 064 497		#VT 019 048		
VT 015 788	ED 067 490	221-224	#VT 019 054		
VT 015 808	ED 067 490	225, 226	#VT 019 057		

VT NUMBER	ED NUMBER	MICROFICHE SHEET	VT NUMBER	ED NUMBER	MICROFICHE SHEET
VT 019 135	ED 083 481	146-148	VT 100 903	ED 095 434	119
VT 019 167	ED 083 481	155	VT 100 907	ED 095 434	128
VT 019 269	ED 083 481	183	VT 100 912	ED 095 434	137
*VT 019 340	ED 073 324		VT 100 913	ED 095 434	138
VT 020 552	ED 083 481	261, 262	VT 100 914	ED 095 434	138
VT 100 006	ED 094 269	7	VT 100 916	ED 095 434	139
VT 100 031	ED 094 269	25	VT 101 007	ED 096 554	14
VT 100 032	ED 094 269	25	VT 101 008	ED 096 554	20
VT 100 049	ED 094 269	47	VT 101 009	ED 096 554	26
VT 100 112	ED 094 269	107	VT 101 017	ED 096 554	34
VT 100 113	ED 094 269	109	VT 101 029	ED 096 554	39
VT 100 122	ED 094 269	123	VT 101 043	ED 096 554	61
#VT 100 147			VT 101 046	ED 096 554	72
VT 100 265	ED 094 270	61	VT 101 206	ED 101 219	18
VT 100 302	ED 094 270	103	VT 101 207	ED 101 219	20
#VT 100 305			VT 101 223	ED 101 219	39
#VT 100 310			VT 101 231	ED 101 219	45
VT 100 446	ED 094 271	44	VT 101 239	ED 101 219	53
VT 100 449	ED 094 271	46	VT 101 283	ED 101 219	107
VT 100 455	ED 094 271	52	VT 101 287	ED 101 219	111
VT 100 458	ED 094 271	53	#VT 101 299		
VT 100 473	ED 094 271	65	VT 101 304	ED 101 219	159
VT 100 476	ED 094 271	67	VT 101 332	ED 101 219	192
VT 100 480	ED 094 271	74	VT 101 406	ED 103 724	5
VT 100 481	ED 094 271	74	VT 101 412	ED 103 724	13
VT 100 501	ED 094 271	90	VT 101 415	ED 103 724	20
#VT 100 512			VT 101 416	ED 103 724	21
VT 100 585	ED 094 271	143	VT 101 419	ED 103 724	25
VT 100 609	ED 094 272	19	VT 101 434	ED 103 724	31
VT 100 615	ED 094 272	23	VT 101 440	ED 103 724	32
VT 100 616	ED 094 272	24	VT 101 443	ED 103 724	38
VT 100 618	ED 094 272	25	VT 101 445	ED 103 724	41
VT 100 619	ED 094 272	26	VT 101 455	ED 103 724	49
VT 100 629	ED 094 272	40	VT 101 466	ED 103 724	79
VT 100 639	ED 094 272	52	VT 101 474	ED 103 724	88
VT 100 644	ED 094 272	54	VT 101 476	ED 103 724	97
VT 100 670	ED 094 272	67	VT 101 487	ED 103 724	117
#VT 100 690			VT 101 565	ED 103 724	211
#VT 100 692			VT 101 602	ED 108 003	3
#VT 100 696			VT 101 603	ED 108 003	4
#VT 100 698			VT 101 606	ED 108 003	11
VT 100 840	ED 095 434	71	VT 101 615	ED 108 003	26
VT 100 849	ED 095 434	77	VT 101 617	ED 108 003	32
VT 100 853	ED 095 434	81	#VT 101 631		
VT 100 854	ED 095 434	82	VT 101 666	ED 108 003	106
VT 100 855	ED 095 434	83	VT 101 801	ED 109 512	2
VT 100 857	ED 095 434	84	VT 101 811	ED 109 512	13
VT 100 867	ED 095 434	89	VT 101 819	ED 109 512	28

VT NUMBER	ED NUMBER	MICROFICHE SHEET	VT NUMBER	ED NUMBER	MICROFICHE SHEET
VT 101 822	ED 109 512	102			
*VT 101 964	ED 112 184				
*VT 101 980	ED 112 185				
*VT 101 981	ED 112 186				
*VT 101 982	ED 112 187				
*VT 102 010	ED 114 506				
*VT 102 012	ED 114 508				
#VT 102 100					
#VT 102 104					
*VT 102 114	ED 112 142				
#VT 102 260					
#VT 102 261					
#VT 102 268					
*VT 102 344	ED 115 953				
VT 102 352	CE 006 679 (ED No. not yet available)				
*VT 102 372	ED 115 979				