Science Education Information Report, General Bibliography Series 24, Curriculum.

This is the fourth in the third series of general bibliographies developed to disseminate information on documents analyzed at the ERIC Information Analysis Center for Science Education. Reported are some 460 citations of selected documents related to curriculum and curriculum development in science and mathematics education. The documents included represent research reports, research reviews, manuals, textbooks, and other types. Citations are listed in alphabetical order by author and indicate sources, availability, and major ideas of the document. This bibliography updates, but does not replace, general bibliography 4 (ED 017 473) and general bibliography 74 (ED 026 280) produced earlier by this Center. (RH)
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ERIC Information Analysis Center
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1460 West Lane Avenue
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July, 1969
BIBLIOGRAPHY 24

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1. SE 005 496
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03 92 29
*BIOLOGY, *ECOLOGY, *EDUCATIONAL PROGRAMS, *SECONDARY SCHOOL SCIENCE,
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ROCKY RIVER PUBLIC SCHOOLS, OHIO
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66 190
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Cooperative College-School Program, Biological Sciences Curriculum Study,
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26. SE 005 199 3 02 22 06
Benfey, O. Theodore; Geffner, Saul L.
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29. SE 004 233  3  02 92 15
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HANDBOOK - TEACHING SCIENCE TO EDUCATIONALLY DISADVANTAGED YOUTH
SOUTHEASTERN EDUCATIONAL LABORATORY, ATLANTA, GEORGIA
EDRS
ED 017 469  MF $0.75  HC $9.50
01 00 68  188
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35. SE 004 813 1 03 42 29
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*EARTH SCIENCE, *PLANETARIUM, *PROGRAM DESCRIPTIONS, *SCIENCE FACILITIES,
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37. SE 005 656 1 02 81 17
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38. SE 005 191 3 02 95 22
BOTTICELLI, CHARLES R.
CONCEPTUAL SCHEMES IN SCIENCE: A BASIS FOR CURRICULUM DEVELOPMENT
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EDRS
ED 024 592 MF $0.75 HC $6.60
66 130
*CONCEPTUAL SCHEMES, *CURRICULUM DESIGN, *CURRICULUM DEVELOPMENT,
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*BIOLOGY, *EDUCATIONAL PROGRAMS, *INTERNATIONAL EDUCATION, *SECONDARY
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TEACHER EDUCATION, NETHERLANDS, BSCS GREEN VERSION

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BRISBY, WILLIAM L.
A NEW APPROACH TO MARINE BIOLOGY ON THE HIGH SCHOOL LEVEL
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*BIOLOGY, *EDUCATIONAL PROGRAMS, *MARINE BIOLOGY, *SCIENCE ACTIVITIES,
*SECONDARY SCHOOL SCIENCE, CURRICULUM DEVELOPMENT, OCEANOLOGY, PROGRAM
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EROKNELL, JOHN; AND OTHERS  
FINAL EVALUATION OF THE SUMMER EXPERIMENTAL PROGRAM  
HAWAII CURRICULUM CENTER, 1625 WIST PLACE, HONOLULU  
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*EDUCATIONAL PROGRAMS, GRADE 6, GRADE 7, GRADE 8, GRADE 10, MATHEMATICS,  
*SECONDARY SCHOOL SCIENCE, ACADEMIC ACHIEVEMENT, ART, STUDENT CHARACTERISTICS, SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, SCIENCE COLLEGE ABILITY TEST

42. SE 005 931  
BUCK, THOMAS  
THE COMPUTER COMES TO THE HIGH SCHOOL CLASSROOM  
COMMERCIAL  
07 00 66

43. SE 005 734  
CAIRNS, ROBERT W.  
POLYMER CHEMISTRY IN THE UNDERGRADUATE CURRICULUM - SYMPOSIUM  
JOURNAL OF CHEMICAL EDUCATION  
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*CHEMISTRY, *CHEMICAL EDUCATION, *CURRICULUM, *ORGANIC CHEMISTRY, COURSE REVISION, INSTRUCTION, POLYMER CHEMISTRY, UNDERGRADUATE STUDY, UNDERGRADUATE COURSES

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*BIOLOGICAL SCIENCES, *CURRICULUM, *INSTRUCTION, *SECONDARY SCHOOL SCIENCE,  
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ED 021 750 MF $0.50 HC $5.00
68 98
*CURRICULUM PLANNING, *ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL
SCIENCE, *SCIENCE EDUCATION, BEHAVIORAL OBJECTIVES, CURRICULUM DEVELOP-
MENT, EDUCATIONAL PROGRAMS, EDUCATIONAL OBJECTIVES, EDUCATIONAL PHILOSOPHY,
INSTRUCTION, INSTRUCTIONAL MATERIALS, LEARNING, RESOURCE MATERIALS,
TEACHER EDUCATION, CALIFORNIA STATE BOARD OF EDUCATION, ELEMENTARY AND
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CAMAREN, JAMES
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68 143
*AUDIOVISUAL AIDS, *CURRICULUM DEVELOPMENT, *INSTRUCTIONAL MATERIALS,
*NUCLEAR PHYSICS, *PHYSICAL SCIENCES, *PHYSICS, *SECONDARY SCHOOL SCIENCE,
*TEACHING GUIDES, BIBLIOGRAPHIES, CHEMISTRY, FILMS, FILMSTRIPS, INSERVICE
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CAMAREN, JAMES
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68 293
*ATOMIC STRUCTURE, *ATOMIC THEORY, *BEHAVIORAL OBJECTIVES, *CURRICULUM
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*SECONDARY SCHOOL SCIENCE, *TEACHING GUIDES, CURRICULUM, CHEMISTRY,
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48. SE 005 207 1 02 12 26
CARNELIUS, MARION E.
BSCS MOTIVATES STUDENTS
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10 00 65 2
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SCIENCE, SCIENCE COURSE IMPROVEMENT PROJECT, NATIONAL SCIENCE FOUNDATION,
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*COLLEGE SCIENCE, *CURRICULUM, *PHYSICS, *SCIENCE ACTIVITIES, EDUCATIONAL PROGRAMS, EDUCATIONAL OBJECTIVES, LABORATORY COURSES, LABORATORY EXPERIMENTS, PHYSICAL SCIENCES, UNDERGRADUATE STUDY, CORNELL UNIVERSITY

50. SE 004 665 1 02 92 22
CASTIELE, J. DOYLE; YAGER, ROBERT
THE UNIVERSITY OF IOWA SCIENCE AND CULTURE PROJECT
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05 00 68 5
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CHIASSON, ROBERT B.
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78. COSSMAN, GEORGE WILFORD
THE EFFECTS OF A COURSE IN SCIENCE AND CULTURE DESIGNED FOR SECONDARY
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DEROSE, JAMES V.
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*ACHIEVEMENT, *CURRICULUM, *INDEPENDENT STUDY, *SECONDARY SCHOOL SCIENCE, CHEMISTRY, PHYSICS, MARPLE NEWTON HIGH SCHOOL, NEWTON SQUARE, PENNSYLVANIA, NATIONAL SCIENCE TEACHERS ASSOCIATION STAR AWARD

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DRYBELLER, JOHN E.
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*BIOLOGICAL SCIENCES, *CURRICULUM, *HEALTH EDUCATION, *SECONDARY SCHOOL SCIENCE, CURRICULUM GUIDES, GRADE 7, INSTRUCTIONAL MATERIALS, STUDENT ACTIVITIES, TEACHING GUIDES

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FIFE, WILMER K.
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FLETCHER, JACK E.
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*CURRICULUM PLANNING, GENERAL SCIENCE, INSTRUCTION, SECONDARY SCHOOL SCIENCE, TEAM TEACHING, ADMINISTRATION, GRADE 8, INDEPENDENT STUDY, LARGE GROUP INSTRUCTION, SMALL GROUP INSTRUCTION, HITHERGREEN MIDDLE SCHOOL, MONTGOMERY COUNTY, OHIO, 1966

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FROSCH, ROBERT A.
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188. SE 004 193 1 03 92 29
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217. SE 005 586  3  02 32 15  
RUFOLO, DANIEL O.  
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RYAN, ARTHUR J.  
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SADOWSKI, BERNARD S.  
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SCHOOL SCIENCE AND MATHEMATICS  
06 00 68  4  
*CASE STUDIES, *RESEARCH REPORTS, *SCIENCE FAIRS, *SECONDARY SCHOOL SCIENCE, EDUCATIONAL PROGRAMS, PAROCHIAL SCHOOLS, PUBLIC SCHOOLS, STATISTICAL ANALYSIS, STUDENT PARTICIPATION, GENESSE COUNTY, FLINT COMMUNITY JUNIOR COLLEGE, MICHIGAN

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SAMOLIS, ALEXANDER MICHAEL  
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06 00 68  52
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SCIENCE, *SCIENCE CAREERS, ACHIEVEMENT, COURSE ORGANIZATION, COURSE
EVALUATION, CAREER CHOICE, MOTIVATION, PROGRAM EVALUATION, RESEARCH
REPORTS, STUDENT SCIENCE INTERESTS, BIOLOGICAL SCIENCES CURRICULUM
STUDY, CHEMICAL EDUCATION MATERIALS STUDY, PHYSICAL SCIENCE STUDY
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06 00 67  177
*BIOLOGICAL SCIENCES, *CURRICULUM, *COLLEGE SCIENCE, COURSE CONTENT,
CORE CURRICULUM, DEGREE REQUIREMENTS, EDUCATIONAL PROGRAMS, PROGRAM
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UNDERGRADUATE EDUCATION IN THE BIOLOGICAL SCIENCES, PANEL ON UNDER-
GRADUATE MAJOR CURRICULA

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*MATHEMATICS, *PHYSICAL SCIENCES, BIBLIOGRAPHIES, ELECTRICITY, ENERGY,
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SCIENCE CURRICULUM IMPROVEMENT STUDY

224. SE 005 014  3  02 62 35
SCOTT, ARTHUR; AND OTHERS
BIOLOGY--CHEMISTRY--PHYSICS, TEACHERS' GUIDE, A THREE-YEAR SEQUENCE,
PARTS I AND II
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EDRS ED 021 767 MF $1.00 HC $10.45
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*CURRICULUM GUIDES, *CURRICULUM, *INTERDISCIPLINARY APPROACH, *SECONDARY
SCHOOL SCIENCE, BIOLOGY, CHEMISTRY, PROGRAM DESCRIPTIONS, PHYSICS,
SCIENCE COURSE IMPROVEMENT PROJECT, SCIENCE ACTIVITIES, TEACHING PROCEDURES,
TEACHING GUIDES, PORTLAND PROJECT, NATIONAL SCIENCE FOUNDATION, PORTLAND,
OREGON
225. SE 005 017 3 02 62 15
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BIOLOGY—CHEMISTRY—PHYSICS, TEACHERS' GUIDE, A THREE-YEAR SEQUENCE, PARTS III AND IV
PORTLAND STATE COLLEGE, OREGON
EDRS
ED 022 691 MF $1.25 HC $15.05
67 299
*CURRICULUM, *INTERDISCIPLINARY APPROACH, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, BIOLOGY, CHEMISTRY, PROGRAM DESCRIPTIONS, PHYSICS, SCIENCE COURSE IMPROVEMENT PROJECT, TEACHING PROCEDURES, TEACHING GUIDES

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ED 024 588 NOT AVAILABLE FROM EDRS
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228. SE 005 920 1 02 92 29
SELZ, EDGAR
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12 00 68 14
*CURRICULUM DEVELOPMENT, *HUMANITIES, *SECONDARY SCHOOL SCIENCE, BIOLOGICAL SCIENCES, COURSE DESCRIPTIONS, EARTH SCIENCE, PHYSICAL SCIENCES, SCIENCE ACTIVITIES, WINNETKA PUBLIC SCHOOLS, ILLINOIS, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, WINNETKA SPECIAL SCIENCE
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SENTER, DONALD RUSSELL
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<td>TAYLOR, EDWIN F.</td>
<td>AUTOMATED TUTORING AND ITS DISCONTENTS</td>
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<td>TRACEY, G. W.</td>
<td>SOME PROBLEMS OF HEALTH EDUCATION IN SCHOOLS</td>
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<td>*CURRICULUM PLANNING, *EDUCATIONAL PROGRAMS, *HEALTH EDUCATION, *INTERNATIONAL EDUCATION, EDUCATIONAL OBJECTIVES, ELEMENTARY SCHOOL SCIENCE, INSTRUCTION, SECONDARY SCHOOL SCIENCE, ENGLAND</td>
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<td>TROOST, CORNELIUS J.</td>
<td>A CRITIQUE OF UNIFIED SCIENCE</td>
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<td>TROUT, VERDINE E.</td>
<td>A STUDY OF THE SCOPE, SEQUENCE, AND OBJECTIVES OF ELEMENTARY SCHOOL SCIENCE AS REVEALED BY STATE SCIENCE GUIDES</td>
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*DOCTORAL PROGRAMS, *INSTRUCTION, *METHODS COURSES, *PROFESSIONAL
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    AND SECONDARY EDUCATION ACT

336. SE 004 805  3  03 93 06
STEPS TOWARD SCIENTIFIC LITERACY, A REPORT OF COLLEGE-LEVEL CONFERENCES
ON SCIENCE FOR NON-SCIENCE MAJORS 1967-68
NATIONAL SCIENCE TEACHERS ASSOCIATION, WASHINGTON, D.C.
EDRS
ED 020 144  MF $0.25  HC $1.40
68  26
*BIOLOGY, *BEHAVIORAL OBJECTIVES, *CONFERENCE REPORTS, *COLLEGE SCIENCE,
    *EDUCATIONAL PROGRAMS, *EDUCATIONAL OBJECTIVES, *GENERAL EDUCATION,
    *UNDERGRADUATE STUDY, COURSE DESCRIPTIONS, CHEMISTRY, ELEMENTARY SCHOOL
    SCIENCE, HIGHER EDUCATION, PHYSICAL SCIENCES, SCIENCE EDUCATION, TEACHER
    EDUCATION

337. SE 005 624  2  02 92 35
SYLLABUS IN SCIENCE
NEW GUINEA DEPARTMENT OF EDUCATION, KONEDOBU
11 00 67  91
*INSTRUCTIONAL MATERIALS, *INTERNATIONAL EDUCATION, *SYLLABI, *SCIENCE
    COURSES, *SECONDARY SCHOOL SCIENCE, CURRICULUM, NATURAL SCIENCES,
    OBJECTIVES, PHYSICAL SCIENCES, SCIENCE ACTIVITIES, DEPARTMENT OF EDUCATION,
    KONEDOBU, PAPUA, NEW GUINEA, 1967

(77)
338. SE 004 916  2  02 92 15
SYSTEMS AND SUBSYSTEMS, TEACHER'S GUIDE
SCIENCE CURRICULUM IMPROVEMENT STUDY, UNIVERSITY OF CALIFORNIA, BERKELEY
68  138
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL
MATERIALS, *TEACHING GUIDES, BIOLOGICAL SCIENCE, PHYSICAL SCIENCES, SCIENCE
ACTIVITIES, SCIENCE CURRICULUM IMPROVEMENT STUDY, NATIONAL SCIENCE
FOUNDATION, UNIVERSITY OF CALIFORNIA, 1968

339. SE 005 898  1  03 93 20
UNDERGRADUATE EDUCATION IN POULTRY SCIENCE (PAPERS PRESENTED DURING THE
54TH ANNUAL MEETING OF THE POULTRY SCIENCE ASSOCIATION, AUGUST, 1965)
NATIONAL ACADEMY OF SCIENCES, WASHINGTON, D.C.
68  32
PROGRAMS, *UNDERGRADUATE PROGRAMS, NATIONAL ACADEMY OF SCIENCES, POULTRY
SCIENCE ASSOCIATION, 1965

340. SE 004 733  3  02 93 29
UNDERGRADUATE EDUCATION IN RENEWABLE NATURAL RESOURCES, AN ASSESSMENT
NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C.
ED 020 143  MF $0.25  HC $1.75
67  33
*CURRICULUM, *EDUCATIONAL PROGRAMS, *HIGHER EDUCATION, *NATURAL RESOURCES,
*PROGRAM DESCRIPTIONS, *UNDERGRADUATE STUDY, ANIMAL SCIENCE, CURRICULUM
PLANNING, CURRICULUM PROBLEMS, COLLEGE SCIENCE, *MATHEMATICS, PLANT SCIENCE,
SOCIAL SCIENCE, SCIENCE EDUCATION, SOIL SCIENCE, NATIONAL ACADEMY OF
SCIENCES, COMMISSION ON EDUCATION IN AGRICULTURE AND NATURAL RESOURCES,
NATIONAL RESEARCH COUNCIL, NATIONAL SCIENCE FOUNDATION

341. SE 004 734  3  02 13 06
UNDERGRADUATE EDUCATION IN THE BIOLOGICAL SCIENCES FOR STUDENTS IN AGRI-
CULTURE AND NATURAL RESOURCES
NATIONAL ACADEMY OF SCIENCE, NATIONAL RESEARCH COUNCIL, WASHINGTON, D.C.
ED 020 142  MF $0.50  HC $4.85
67  95
*AGRICULTURAL TRENDS, *AGRICULTURE, *AGRICULTURAL EDUCATION, *BIOLOGICAL
PROGRAMS, *INSTRUCTION, *UNDERGRADUATE STUDY, ANIMAL SCIENCE, EDUCATIONAL
CHANGE, MANPOWER NEEDS, NATURAL RESOURCES, PLANT SCIENCE, RURAL AREAS,
SOIL SCIENCE, SOCIAL SCIENCE, SCIENTIFIC RESEARCH, SCIENCE EDUCATION,
COMMISSION ON EDUCATION IN AGRICULTURE AND NATURAL RESOURCES, COMMISSION
ON UNDERGRADUATE EDUCATION IN THE BIOLOGICAL SCIENCES, NATIONAL ACADEMY
OF SCIENCES, NATIONAL RESEARCH COUNCIL

(78)
THE WORLD OF CHANGE
NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION, BLOOMINGTON, INDIANA

ELECTRONIC CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *PHYSICAL SCIENCES, *TELECOURSES,
COURSE CONTENT, EDUCATIONAL PROGRAMS, GRADE 6, SCIENTIFIC METHODOLOGY,
SCIENCE COURSES

(80)
B. MATHEMATICS EDUCATION

1. SE 004 145  1  02 09 15
   ALASKA STATE DEPARTMENT OF EDUCATION
   GUIDELINES TO ELEMENTARY MATHEMATICS - GRADES 1-8
   ALASKA STATE DEPARTMENT OF EDUCATION
   64  23
   *COURSE CONTENT, *CURRICULUM GUIDES, *CURRICULUM, *ELEMENTARY SCHOOL
   MATHEMATICS, *MATHEMATICS, ARITHMETIC, BIBLIOGRAPHIES, SECONDARY SCHOOL
   MATHEMATICS, ALASKA

2. SE 004 155  3  02 09 06
   ANDERSON, RICHARD D.
   A CURRICULUM IN APPLIED MATHEMATICS
   COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY, CALIFORNIA
   EDRS
   ED 017 461  MF $0.25  HC $1.70
   01 00 66  32
   *COLLEGE MATHEMATICS, *CURRICULUM, *CURRICULUM DEVELOPMENT, *MATHEMATICS,
   *MATHEMATICAL APPLICATIONS, ENGINEERING, PHYSICAL SCIENCES, SOCIAL
   SCIENCES, UNDERGRADUATE STUDY, MATHEMATICAL ASSOCIATION OF AMERICA,
   NATIONAL SCIENCE FOUNDATION

3. SE 004 157  3  02 09 06
   ANDERSON, RICHARD D.
   MATHEMATICAL ENGINEERING - A FIVE YEAR PROGRAM
   COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY, CALIFORNIA
   EDRS
   ED 017 463  MF $0.50  HC $4.50
   01 00 66  88
   *COLLEGE MATHEMATICS, *CURRICULUM, ENGINEERING, *MATHEMATICS, *UNDERGRADUATE
   STUDY, *CURRICULUM DEVELOPMENT, CURRICULUM GUIDES, HIGHER EDUCATION;
   INSTRUCTION, NATIONAL SCIENCE FOUNDATION, MATHEMATICAL ASSOCIATION OF
   AMERICA

4. SE 005 683  1  03 09 31
   BEBERMAN, MAX
   THE OLD MATHEMATICS IN THE NEW CURRICULUM
   EDUCATIONAL LEADERSHIP
   03 00 62  3
   *CURRICULUM, *EDUCATIONAL OBJECTIVES, *MATHEMATICS, *SECONDARY SCHOOL
   MATHEMATICS, ALGEBRA, CURRICULUM DEVELOPMENT, UNIVERSITY OF ILLINOIS
   COMMITTEE ON SCHOOL MATHEMATICS

(81)
5. SE 005 681  1  03 09 20
   BEBERMAN, MAX
   UNIVERSITY OF ILLINOIS COMMITTEE ON SCHOOL MATHEMATICS
   UNIVERSITY OF ILLINOIS COMMITTEE ON SCHOOL MATHEMATICS, UNIVERSITY OF
   ILLINOIS, URBANA
   08 00 66  5
   *CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *MATHEMATICS, *SECONDARY
   SCHOOL MATHEMATICS, ALGEBRA, GEOMETRY, GRADE 9, GRADE 10, GRADE 11,
   GRADE 12, TEXTBOOKS, TESTS, UNIVERSITY OF ILLINOIS COMMITTEE ON SCHOOL
   MATHEMATICS

6. SE 005 684  1  02 09 22
   BEBERMAN, MAX
   UNIVERSITY OF ILLINOIS COMMITTEE ON SCHOOL MATHEMATICS – FIFTEEN YEARS
   OF EXPERIMENTATION
   UNIVERSITY OF ILLINOIS COMMITTEE ON SCHOOL MATHEMATICS, UNIVERSITY OF
   ILLINOIS, URBANA
   67  3
   *CURRICULUM, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, CURRICULUM
   DEVELOPMENT, GEOMETRY, INSTRUCTION, UNIVERSITY OF ILLINOIS COMMITTEE
   ON SCHOOL MATHEMATICS

7. SE 005 972  1  02 09 17
   BRADSHAW, CHARLES KENNETH
   MATHEMATICS TEACHING IN THE PUBLIC SECONDARY SCHOOLS OF THE STATE OF NEVADA
   UNIVERSITY OF CALIFORNIA, BERKELEY
   UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
   68  267
   *CURRICULUM, *INSERVICE TEACHER EDUCATION, *MATHEMATICS, *SECONDARY SCHOOL
   MATHEMATICS, *TEACHER EDUCATION, INSERVICE EDUCATION, MATHEMATICS TEACHERS,
   TEACHER ATTITUDES, NEVADA, 1968, DOCTORAL THESES

8. SE 005 514  1  02 09 16
   BROWN, SISTER HARY GILBERT
   A COURSE GUIDE FOR MODERN MATHEMATICS IN AN ABILITY GROUPING PROGRAM AT
   SACRED HEART ACADEMY, LOUISVILLE, KENTUCKY
   DAYTON UNIVERSITY, OHIO, SCHOOL OF EDUCATION
   08 00 66  2
   *ABILITY GROUPING, *CURRICULUM, *CURRICULUM DEVELOPMENT, *MATHEMATICS,
   *SECONDARY SCHOOL MATHEMATICS, ALGEBRA, COURSE CONTENT, GEOMETRY,
   INSTRUCTION, MODERN MATHEMATICS, OBJECTIVES, REFERENCE MATERIALS, TRIGONOMETRY, LOUISVILLE, KENTUCKY
9. SE 005 558 1 03 09 31
Buck, Charles; and Others
Greater Cleveland Mathematics Program
Educational Research Council of America, Cleveland, Ohio
02 00 68 15
*COURSE DESCRIPTIONS, *DISCOVERY PROCESSES, *CURRICULUM, *GEOMETRY,
*MATHMATICS, *SECONDARY SCHOOL MATHEMATICS, INSTRUCTION, GREATER
CLEVELAND MATHEMATICS PROGRAM

10. SE 005 043 3 02 09 15
Butler, Marion
A9 Mathematics, an Instructional Bulletin
Los Angeles City Schools, California
EDRS
EP 022 693 MF $0.25 HC $0.75
68 13
*ARITHMETIC, *CURRICULUM, *SLOW LEARNERS, *TEACHING GUIDES, ALGEBRA,
CURRICULUM GUIDES, GRADE 9, MATHEMATICS, LOS ANGELES, CALIFORNIA

11. SE 004 725 1 03 09 29
California State Department of Education
Guidelines for Miller Mathematics Improvement Programs, Accelerated
Instruction Project
California State Department of Education, Sacramento
68 9
*ACCELERATED PROGRAMS, *INSTRUCTION, *MATHEMATICS, *SECONDARY SCHOOL
MATHEMATICS, ACCELERATION, EDUCATIONAL PROGRAMS, GUIDELINES, PROGRAM
DESCRIPTIONS

12. SE 004 950 3 02 09 22
Chinn, William G.; Summerfield, Jeanette O.
School Mathematics Study Group Report No. 4, The Special Curriculum
Project: 1965-1966 Pilot Program on Mathematics Learning of Culturally
Disadvantaged Primary School Children
Stanford University, California, School Mathematics Study Group
EDRS
ED 021 756 MF $0.50 HC $4.05
67 79
*ACHIEVEMENT, *CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS, *MATHEMATICS,
COMPARATIVE ANALYSIS, CULTURALLY DISADVANTAGED, CURRICULUM DEVELOPMENT,
GRADE 1, KINDERGARTEN, LEARNING, SCHOOL MATHEMATICS STUDY GROUP,
NATIONAL SCIENCE FOUNDATION
13. SE 005 634  1  03 09 32
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS
NEWSLETTER, NUMBER 2
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY,
CALIFORNIA
(5 03 68  12
*CURRICULUM DEVELOPMENT, *COLLEGE SCIENCE, *COLLEGE MATHEMATICS,
*MATHEMATICS, *NEWSLETTERS, EDUCATIONAL PROGRAMS, ELEMENTARY SCHOOL
TEACHERS, ENGINEERING, SECONDARY SCHOOL TEACHERS, TEACHER EDUCATION,
UNDERGRADUATE STUDY, MATHEMATICAL ASSOCIATION OF AMERICA, COMMITTEE
ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, 1968

14. SE 005 948  1  02 09 31
CRESWELL, DORIS E.; BERGER, EMANUEL
MATHEMATICS CONTENT AUTHORITY LIST: K-6
PENNSYLVANIA STATE DEPARTMENT OF PUBLIC INSTRUCTION, HARRISBURG
06 09 68 99
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, *MATHEMATICS,
*MATHEMATICAL CONCEPTS, CURRICULUM, FUNDAMENTAL CONCEPTS, INSTRUCTION,
PROGRAM DEVELOPMENT, PRIMES (PENNSYLVANIA RETRIEVAL OF INFORMATION FOR
MATHEMATICS EDUCATION SYSTEM), 1968

15. SE 005 333  3  02 09 11
DAVIS, ROBERT B.
DISCOVERY IN MATHEMATICS, STUDENT DISCUSSION GUIDE
WEBSTER COLLEGE, ST. LOUIS, MISSOURI; SYRACUSE UNIVERSITY, NEW YORK
ADDISON-WESLEY PUBLISHING COMPANY, READING, MASSACHUSETTS
ED 024 597  NOT AVAILABLE FROM EDRS
64 101
*ARITHMETIC, *DISCOVERY LEARNING, *ELEMENTARY SCHOOL MATHEMATICS,
*MATHEMATICS, *TEACHING GUIDES, ALGEBRA, INSTRUCTION, INSTRUCTIONAL
MATERIALS, MATHEMATICAL CONCEPTS, THE MADISON PROJECT

16. SE 005 092  3  02 09 11
DAVIS, ROBERT B.
EXPLORATIONS IN MATHEMATICS, A TEXT FOR TEACHERS
SYRACUSE UNIVERSITY, NEW YORK; WEBSTER COLLEGE, ST. LOUIS, MISSOURI
ADDISON-WESLEY PUBLISHING COMPANY, READING, MASSACHUSETTS
ED 023 587  NOT AVAILABLE FROM EDRS
67 421
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, *MATHEMATICS,
*SECONDARY SCHOOL MATHEMATICS, *TEACHER EDUCATION, ALGEBRA, CURRICULUM,
INSERVICE COURSES, INSERVICE TEACHER EDUCATION, INSTRUCTIONAL MATERIALS,
MATHEMATICAL CONCEPTS, MODERN MATHEMATICS, PROGRAM DEVELOPMENT, THE
MADISON PROJECT

(84)
17. SE 004 117

DAVIS, ROBERT B.
A MODERN MATHEMATICS PROGRAM AS IT PERTAINS TO THE INTERRELATIONSHIP OF MATHEMATICAL CONTENT, TEACHING METHODS AND CLASSROOM ATMOSPHERE – THE MADISON PROJECT
SYRACUSE UNIVERSITY, NEW YORK; WEBSTER COLLEGE, WEBSTER GROVE, MISSOURI
ED 017 458 MF $1.50 HC $19.15
10 03 67 381

18. SE 004 948

DEVENNEY, WILLIAM S.
SCHOOL MATHEMATICS STUDY GROUP REPORT NO. 6, PRELIMINARY REPORT ON AN EXPERIMENT WITH JUNIOR HIGH SCHOOL VERY LOW ACHIEVERS IN MATHEMATICS
STANFORD UNIVERSITY, CALIFORNIA, SCHOOL MATHEMATICS STUDY GROUP
ED 021 754 MF $0.50 HC $5.95
68 117
*ACHIEVEMENT, *CURRICULUM, *LOW ACHIEVERS, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, ACADEMIC ACHIEVEMENT, CURRICULUM DEVELOPMENT, INSTRUCTION, LEARNING, LOW ABILITY STUDENTS, SCHOOL MATHEMATICS STUDY GROUP

19. SE 005 086

DUREN, W. L., JR.
A GENERAL CURRICULUM IN MATHEMATICS FOR COLLEGES
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY, CALIFORNIA
EDRS
ED 022 697 MF $0.50 HC $4.05
01 00 65 79
*COLLEGE MATHEMATICS, *CURRICULUM, ALGEBRA, COURSE DESCRIPTIONS, CURRICULUM PLANNING, CURRICULUM DEVELOPMENT, CALCULUS, GRADUATE STUDY, MATHEMATICS, OBJECTIVES, COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, NATIONAL SCIENCE FOUNDATION

(85)
20. SE 005 082 3 02 09 06
DUREN, WILLIAM L., JR.
PREPARATION FOR GRADUATE STUDY IN MATHEMATICS
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY, CALIFORNIA
EDRS
ED 022 695 MF $0.25 HC $1.30
11 00 65 24
*ALGEBRA, *CURRICULUM PLANNING, *COLLEGE MATHEMATICS, COURSE DESCRIPTIONS,
CURRICULUM DEVELOPMENT, MATHEMATICS, GRADUATE STUDY, RESEARCH, COMMITTEE
ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, NATIONAL SCIENCE FOUNDATION

21. SE 005 091 3 02 09 06
DUREN, WILLIAM L., JR.
RECOMMENDATIONS ON THE UNDERGRADUATE MATHEMATICS PROGRAM FOR WORK IN
COMPUTING
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY, CALIFORNIA
EDRS
ED 022 699 MF $0.25 HC $1.75
05 00 64 33
*COMPUTER ORIENTED PROGRAMS, *COMPUTERS, *CURRICULUM, *COLLEGE MATHEMATICS,
COURSE DESCRIPTIONS, CURRICULUM PLANNING, CURRICULUM DEVELOPMENT, MATHEMATICS,
OBJECTIVES, UNDERGRADUATE STUDY, COMMITTEE ON THE UNDERGRADUATE PROGRAM
IN MATHEMATICS, NATIONAL SCIENCE FOUNDATION

22. SE 004 154 3 02 09 06
DUREN, WILLIAM L., JR.
TENTATIVE RECOMMENDATIONS FOR THE UNDERGRADUATE MATHEMATICS PROGRAM OF
STUDENTS IN THE BIOLOGICAL MANAGEMENT AND SOCIAL SCIENCES
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY, CALIFORNIA
EDRS
ED 017 460 MF $0.25 HC $1.75
01 00 64 33
*COLLEGE MATHEMATICS, *CURRICULUM DEVELOPMENT, *MATHEMATICS, *SOCIAL
SCIENCES, *UNDERGRADUATE STUDY, ALGEBRA, BIOLOGY, CURRICULUM, HIGHER
EDUCATION, INSTRUCTION, STATISTICS, NATIONAL SCIENCE FOUNDATION, MATHE-
MATICAL ASSOCIATION OF AMERICA

23. SE 004 990 3 02 09 06
DURST, LINCOLN K.
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS GEOMETRY CONFERENCE,
PART 1: CONVEXITY AND APPLICATIONS
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY, CALIFORNIA
EDRS
ED 024 576 MF $0.75 HC $7.90
08 00 67 156
*CONFERENCE REPORTS, *CURRICULUM, *COLLEGE MATHEMATICS, *GEOMETRY, MATHE-
MATICS, UNDERGRADUATE STUDY, NATIONAL SCIENCE FOUNDATION, SANTA BARBARA,
CALIFORNIA

(86)
24. SE 004 991 3 02 09 06
DURST, LINCOLN K.
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS GEOMETRY CONFERENCE,
PART II: GEOMETRY IN OTHER SUBJECTS
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY, CALIFORNIA
EDRS
ED 024 577 MF $0.50 HC $6.40
09 00 67 126
*CONFERENCE REPORTS, *CURRICULUM, *COLLEGE MATHEMATICS, *GEOMETRY,
*MATHEMATICS, CALCULUS, CONFERENCES. CURRICULUM DEVELOPMENT, COURSE
CONTENT, INSTRUCTION, UNDERGRADUATE STUDY, NATIONAL SCIENCE FOUNDATION,
SANTA BARBARA, CALIFORNIA

25. SE 004 992 3 02 09 06
DURST, LINCOLN K.
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS GEOMETRY CONFERENCE,
PART III: GEOMETRIC TRANSFORMATION GROUPS AND OTHER TOPICS
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY, CALIFORNIA
EDRS
ED 024 578 MF $0.75 HC $8.80
10 00 67 174
*CONFERENCE REPORTS, *CURRICULUM, *COLLEGE MATHEMATICS, *GEOMETRY,
*MATHEMATICS, CONFERENCES, CURRICULUM DEVELOPMENT, INSTRUCTION, UNDER-
GRADUATE STUDY, NATIONAL SCIENCE FOUNDATION, SANTA BARBARA, CALIFORNIA

25. SE 004 156 3 02 09 06
DURST, LINCOLN K.
RECOMMENDATIONS ON THE UNDERGRADUATE MATHEMATICS PROGRAM FOR ENGINEERS
AND PHYSICISTS
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY, CALIFORNIA
EDRS
ED 017 462 MF $0.25 HC $2.70
01 00 67 52
*COLLEGE MATHEMATICS, *CURRICULUM DEVELOPMENT, *ENGINEERING, *MATHEMATICS,
*PHYSICS, *UNDERGRADUATE STUDY, CURRICULUM, HIGHER EDUCATION, INSTRUCTION,
NATIONAL SCIENCE FOUNDATION, MATHEMATICAL ASSOCIATION OF AMERICA

27. SE 004 498 3 02 09 22
DYE, DAVID L.
STATUS OF MATH EDUCATION IN MINNESOTA SCHOOLS
MINNESOTA STATE DEPARTMENT OF EDUCATION, ST. PAUL
EDRS
ED 018 394 MF $0.25 HC $1.80
66 34
*CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS, *INSERVICE TEACHER EDUCATION,
*MATHEMATICS, *MATHEMATICS EDUCATION, *SECONDARY SCHOOL MATHEMATICS,
*TEACHER QUALIFICATIONS, EVALUATION, OVERHEAD PROJECTIONS, TEXTBOOKS,
TEACHER EDUCATION, MINNESOTA
28. SE 005 386  1  02 09 15
EDUCATIONAL RESEARCH COUNCIL OF AMERICA
GREATER CLEVELAND MATHEMATICS PROGRAM - SCOPE AND SEQUENCE - GRADES K-6
EDUCATIONAL RESEARCH COUNCIL OF AMERICA, CLEVELAND, OHIO
68  24
*CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS, *CURRICULUM GUIDES, *SECONDARY
SCHOOL MATHEMATICS, ARITHMETIC, FUNDAMENTAL CONCEPTS, MATHEMATICS, NUMBER
CONCEPTS, PROBLEM SOLVING, TEACHING GUIDES, WHOLE NUMBERS, GREATER CLEVELAND
MATHEMATICS PROJECT

29. SE 004 140  3  02 09 16
ENGELKING, D.F.
MATHEMATICS PROGRAM FOR IDAHO PUBLIC SCHOOLS
IDAHO STATE DEPARTMENT OF EDUCATION, BOISE
EDRS
ED 018 369  MF $0.25  HC $1.90
65  36
*ARITHMETIC, *CURRICULUM GUIDES, *MATHEMATICS, *SECONDARY SCHOOL MATHE-
MATICS, ALGEBRA, ADVANCED PLACEMENT, CURRICULUM, ELEMENTARY SCHOOL
MATHEMATICS, SPIRAL CURRICULUM

30. SE 005 864  1  02 09 20
ENGEN, H. VAN
COUNTING IS NOT BASIC!
SCHOOL SCIENCE AND MATHEMATICS
11 00 68  3
*CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS, *MATHEMATICS, *OBJECTIVES,
ARITHMETIC, CURRICULUM DEVELOPMENT, FUNDAMENTAL CONCEPTS

31. SE 005 042  3  02 09 22
FEHR, HOWARD P.
SUMMARY OF OBJECTIVES AND ACTIVITY SEPTEMBER, 1965 TO JANUARY, 1968,
SECONDARY SCHOOL MATHEMATICS CURRICULUM IMPROVEMENT STUDY
COLUMBIA UNIVERSITY, NEW YORK, TEACHERS COLLEGE
EDRS
ED 022 692  MF $0.25  HC $0.80
68  14
*CURRICULUM, *CURRICULUM DEVELOPMENT, *EDUCATIONAL OBJECTIVES, *MATHEMATICS,
*SECONDARY SCHOOL MATHEMATICS, COURSE CONTENT, OBJECTIVES, SECONDARY SCHOOL
MATHEMATICS CURRICULUM IMPROVEMENT STUDY
32. SE 004 505  3  02 09 15
FOLEY, JACK L.
NUMBER SENTENCES, EQUATIONS AND INEQUALITIES
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 021 726  MF $0.25  HC $1.85
08 00 67  35
SCHOOL MATHEMATICS, CURRICULUM, ELEMENTARY SCHOOL MATHEMATICS, INSTRUCTIONAL
MATERIALS, ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III

33. SE 004 504  3  02 09 15
FOLEY, JACK L.
PATTERNS, PARTICULARS AND GUESSES
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 021 725  MF $0.25  HC $1.35
05 00 67  25
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, MATHEMATICS,
ARITHMETIC, ADDITION, CURRICULUM, DIVISION, GEOMETRY, LOW ABILITY STUDENTS,
SET THEORY, TRIGONOMETRY, ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III

34. SE 004 522  3  02 09 15
FOLEY, JACK L.
SIMILARITY
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 021 731  MF $0.25  HC $2.75
05 00 67  53
*ELEMENTARY SCHOOL MATHEMATICS, *GEOMETRY, *SECONDARY SCHOOL MATHEMATICS,
*TRIGONOMETRY, CURRICULUM, CURRICULUM DEVELOPMENT, INSTRUCTIONAL MATERIALS,
LOW ABILITY STUDENTS, MATHEMATICS, ELEMENTARY AND SECONDARY EDUCATION ACT
TITLE III

35. SE 005 689  1  02 09 29
GOLDEN, WILLIAM
UIUCSM IN ITS SECOND DECADE
JOURNAL OF RESEARCH IN SCIENCE TEACHING
63  5
*CURRICULUM, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, ARITHMETIC,
ACHIEVEMENT, ALGEBRA, DISCOVERY LEARNING, EVALUATION, GRADE 7, GEOMETRY,
INSTRUCTION, PROGRAM DESCRIPTIONS, RESEARCH, TEXTBOOK PREPARATION, UNIVERSITY
OF ILLINOIS COMMITTEE ON SCHOOL MATHEMATICS

(89)
36. SE 005 935  1  03 09 17
GRAY, DAVID
FINAL REPORT ON THE 1967 SUMMER BASIC SKILLS PROGRAM
PHILADELPHIA SCHOOL DISTRICT, PENNSYLVANIA
SCHOOL MATHEMATICS, EVALUATION, EDUCATIONAL PROGRAMS, INSTRUCTION, SUMMER
PROGRAMS, STUDENT ATTITUDES, TESTING, PHILADELPHIA

37. SE 004 949  3  02 09 17
HERRIOT, SARAH T.
SCHOOL MATHEMATICS STUDY GROUP REPORT NO. 5, THE SLOW LEARNER PROJECT:
THE SECONDARY SCHOOL "SLOW LEARNER" IN MATHEMATICS
STANFORD UNIVERSITY, CALIFORNIA, SCHOOL MATHEMATICS STUDY GROUP
EDRS
ED 021 755  MF $0.75  HC $8.50
67  168
MATHEMATICS, ARITHMETIC, ALGEBRA, COMPARATIVE ANALYSIS, CURRICULUM DEVELOPMENT,
LEARNING, LEARNING PROCESSES, SCHOOL MATHEMATICS STUDY GROUP, NATIONAL
SCIENCE FOUNDATION

38. SE 004 683  3  02 09 15
KELLEY, JOHN L.; AND OTHERS
MATHEMATICS PROGRAM, K-8, 1967-1968 STRANDS REPORT, PART 2
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ED 022 676  MF $0.50  HC $4.20
68  82
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, *MATHEMATICS,
ALGEBRA, CURRICULUM PLANNING, CURRICULUM, FUNDAMENTAL CONCEPTS, GEOMETRY,
NUMBER CONCEPTS, PROBLEM SOLVING, SECONDARY SCHOOL MATHEMATICS, CALIFORNIA
STATE DEPARTMENT OF EDUCATION, STATEWIDE MATHEMATICS ADVISORY COMMITTEE, 1968

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KLEIN, GEORGE
FEASIBILITY OF A NEW BASIS FOR SCHOOL ARITHMETIC. FINAL REPORT
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ED 021 753  MF $0.25  HC $0.95
06 00 68  17
*CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS, *MATHEMATICS, *MECHANICAL
TEACHING AIDS, ACHIEVEMENT, ARITHMETIC, GRADE 4, INSTRUCTIONAL MATERIALS,
GRADUATE SCHOOL OF EDUCATION, UNIVERSITY OF CHICAGO

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49. SE 004 939

KLEIN, GEORGE
INVESTIGATIONS ON THE FEASIBILITY OF SEC EXTENSIONS OF SCHOOL ARITHMETIC
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ED 024 572 MF $0.25 HC $1.00
05 00 68 18
*ARITHMETIC, *CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTION,
FRACTIONS, MATHEMATICS, RESEARCH REPORTS, UNIVERSITY OF CHICAGO, CHICAGO,
ILLINOIS, 1968

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LANDIN, EVERETT A.; FISNAE, ANTHONY F.
CURRICULUM DESCRIPTION PROCEDURES MANUAL
PENNSYLVANIA STATE DEPARTMENT OF PUBLIC INSTRUCTION, HARRISBURG
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*CURRICULUM, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS,
*GUIDELINES, *MATHEMATICS, *PROGRAM DEVELOPMENT, INSTRUCTION, PRIMES
(PENNSYLVANIA RETRIEVAL OF INFORMATION FOR MATHEMATICS EDUCATION SYSTEM),
DEPARTMENT OF PUBLIC INSTRUCTION, 1966

42. SE 004 952

LEIDERMAN, GLORIA F.; AND OTHERS
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PROJECT: PILOT PROGRAM ON MATHEMATICS LEARNING OF CULTURALLY DISADVANTAGED
PRIMARY SCHOOL CHILDREN
STANFORD UNIVERSITY, CALIFORNIA, SCHOOL MATHEMATICS STUDY GROUP
EDRS
ED 021 758 MF $0.75 HC $7.00
66 138
*CURRICULUM DEVELOPMENT, *CULTURALLY DISADVANTAGED, *ELEMENTARY SCHOOL
MATHEMATICS, *MATHEMATICS, COMPARATIVE ANALYSIS, CURRICULUM, GRADE 1,
INSTRUCTION, RESEARCH REPORTS, SCHOOL MATHEMATICS STUDY GROUP, NATIONAL
SCIENCE FOUNDATION, 1966

43. SE 005 981

LINKHART, BENNIE ROBERT
CURRENT PATTERNS IN SELECTED ADVANCED PLACEMENT MATHEMATICS PROGRAMS
WITHIN THE STATE OF ARIZONA
UNIVERSITY OF ARIZONA
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
68 171
*ADVANCED PLACEMENT PROGRAMS, *CALCULUS, *CURRICULUM, *MATHEMATICS,
*SECONDARY SCHOOL MATHEMATICS, ARIZONA

(91)
44. SE 005 521 1 02 09 17
MALEICH, SISTER M. ANTOINE
PLANS FOR THE IMPLEMENTATION OF THE ENRICHMENT OF NINTH AND TENTH GRADE
MATHEMATICS IN CATHEDRAL HIGH SCHOOL, ST. CLOUD, MINNESOTA
DAYTON UNIVERSITY, OHIO, SCHOOL OF EDUCATION
08 00 63 2
*CURRICULUM DEVELOPMENT, *INSTRUCTION, *MATHEMATICS, *PROGRAM IMPROVEMENT,
*SECONDARY SCHOOL MATHEMATICS, ALGEBRA, CHEMISTRY, CURRICULUM, GRADE 9,
GRADE 10, PHYSICS, ST. CLOUD, MINNESOTA

45. SE 005 504 1 03 09 22
MARTIN, SISTER JOAN MARIE
A MATHEMATICS PROGRAM FOR UNDERACHIEVERS AT NAZARETH ACADEMY, LA GRANGE
PARK, ILLINOIS
DAYTON UNIVERSITY, OHIO, SCHOOL OF EDUCATION
07 00 67 2
*CURRICULUM, *CURRICULUM DEVELOPMENT, *EDUCATIONAL PLANNING, *MATHEMATICS,
*SECONDARY SCHOOL MATHEMATICS, *UNDERACHIEVERS, GRADE 9, GRADE 10,
INSTRUCTION, OBJECTIVES, NAZARETH ACADEMY, LA GRANGE PARK, ILLINOIS

46. SE 004 569 3 02 09 15
MARYLAND STATE DEPARTMENT OF EDUCATION
HANDBOOK FOR GENERAL MATHEMATICS
MARYLAND STATE DEPARTMENT OF EDUCATION, BALTIMORE
EDRS
ED 021 734 MF $0.75 HC $7.45
66 147
*COURSE CONTENT, *CURRICULUM, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS,
*TEACHING GUIDES, ARITHMETIC, ALGEBRA, GEOMETRY, INSTRUCTIONAL MATERIALS,
NONCOLLEGE PREPARATORY STUDENTS

47. SE 004 129 3 02 09 29
MENDELSOHN, MELVIN
MATHEMATICS EDUCATION PROGRAMS FUNDED UNDER TITLE I, ELEMENTARY AND
SECONDARY EDUCATION ACT OF 1965
NEW YORK STATE DEPARTMENT OF EDUCATION, ALBANY
EDRS
ED 017 459 MF $0.25 HC $2.70
68 52
*CURRICULUM DEVELOPMENT, *CURRICULUM, *EDUCATIONALLY DISADVANTAGED,
*EDUCATIONAL PROGRAMS, *FEDERAL AID, *MATHEMATICS, *MATHEMATICS EDUCATION,
*PROGRAM DESCRIPTIONS, *SECONDARY SCHOOL MATHEMATICS, *INSTRUCTION,
ELEMENTARY SCHOOL MATHEMATICS, SMALL GROUP INSTRUCTION, TITLE I, ELEMENTARY
AND SECONDARY EDUCATION ACT, NEW YORK

(92)
48. SE 004 465 1 02 09 16
MICHIGAN STATE DEPARTMENT OF EDUCATION
MATHEMATICS FOR THE COLLEGE BOUND
MICHIGAN STATE DEPARTMENT OF EDUCATION, LANSING 64 14

49. SE 004 864 3 02 09 17
MORAY, JOSEPH
EFFECTS OF CURRICULUM REFORM ON MATHEMATICS ACHIEVEMENT IN GRADE SIX
UNIVERSITY OF CALIFORNIA, BERKELEY
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
ED 025 410 NOT AVAILABLE FROM EDRS 67 161

50. SE 004 568 3 02 09 15
MCCOMB, PATRICIA
APPLIED MATHEMATICS, SECONDARY SCHOOL GRADES 10-12
MINNESOTA STATE DEPARTMENT OF EDUCATION, ST. PAUL
EDRS ED 021 733 MF $0.50 HC $5.85 64 115
*CURRICULUM, *CURRICULUM GUIDES, *MATHEMATICS, *MATHEMATICAL APPLICATIONS, COMPUTERS, EDUCATIONAL OBJECTIVES, COURSE CONTENT, INSTRUCTION, SECONDARY SCHOOL MATHEMATICS

51. SE 005 673 1 03 09 31
MCCOY, M. ELEANOR
A SECONDARY SCHOOL MATHEMATICS PROGRAM
THE NASSP BULLETIN 05 00 59 7

(93)
52. SE 005 409  3  02 09 16  
NEW YORK CITY DEPARTMENT OF EDUCATION  
MATHEMATICS, GRADE 5 PART 2  
NEW YORK CITY BOARD OF EDUCATION, BROOKLYN  
EDRS, NEW YORK DEPT. OF EDUC., 110 LIVINGSTON STREET, BROOKLYN, NEW YORK  
ED 023 600  MF $0.50  HARD COPY NOT AVAILABLE  
66  70  
*ARITHMETIC, CURRICULUM, ELEMENTARY SCHOOL MATHEMATICS, MATHEMATICS,  
TEACHING GUIDES, ALGEBRA, COURSE CONTENT, FRACTIONS, GRADE 5, GEOMETRY,  
INSTRUCTION, LEARNING ACTIVITIES, MATHEMATICAL CONCEPTS, NUMBER CONCEPTS

53. SE 005 412  3  02 09 16  
NEW YORK CITY DEPARTMENT OF EDUCATION  
MATHEMATICS, SEVENTH YEAR, PART 2  
NEW YORK CITY BOARD OF EDUCATION, BROOKLYN  
EDRS, NEW YORK DEPT. OF EDUC., 110 LIVINGSTON STREET, BROOKLYN, NEW YORK  
ED 023 601  MF $1.00  HARD COPY NOT AVAILABLE  
67  261  
*ARITHMETIC, CURRICULUM, MATHEMATICS, SECONDARY SCHOOL MATHEMATICS,  
TEACHING GUIDES, ALGEBRA, COURSE CONTENT, GEOMETRY, GRADE 7, INSTRUCTION,  
LEARNING ACTIVITIES, MATHEMATICAL CONCEPTS, NUMBER CONCEPTS

54. SE 005 408  3  02 09 16  
NEW YORK CITY DEPARTMENT OF EDUCATION  
MATHEMATICS, EIGHTH YEAR, PART I  
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EDRS, NEW YORK DEPT. OF EDUC., 110 LIVINGSTON STREET, BROOKLYN, NEW YORK  
ED 023 599  MF $0.75  HARD COPY NOT AVAILABLE  
68  159  
*ARITHMETIC, INSTRUCTION, MATHEMATICS, SECONDARY SCHOOL MATHEMATICS,  
TEACHING GUIDES, ALGEBRA, COURSE CONTENT, CURRICULUM, GEOMETRY, GRADE 8,  
MATHEMATICAL CONCEPTS, NUMBER CONCEPTS

55. SE 004 14  1  02 09 15  
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05 00 64  48  
*CURRICULUM, CURRICULUM GUIDES, COURSE CONTENT, MATHEMATICS, ARITHMETIC,  
ALGEBRA, LANGUAGE ARTS, SECONDARY SCHOOL MATHEMATICS, NORTH CAROLINA  
STATE DEPARTMENT OF PUBLIC INSTRUCTION

(94)
56. SE 005 711 1 02 09 16
PITTSYLVANIA COUNTY SCHOOLS
MATH - A SUGGESTED PROGRAM OF ACTION, GRADES 7-8
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J8 00 68 23
SCHOOL MATHEMATICS, EDUCATIONAL OBJECTIVES, GRADE 7, GRADE 8, TEACHING
TECHNIQUES, CHATHAM, VIRGINIA, 1968

57. SE 004 743 3 02 09 32
FOYNALL, MALCOLM W.; AND OTHERS
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS NEWSLETTER
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY, CALIFORNIA
EDRS, CUPM, P. O. BOX 1024, BERKELEY, CALIFORNIA
ED 023 579 MF $0.25 HC $0.70
Q5 00 68 12
*CURRICULUM DEVELOPMENT, *COLLEGE MATHEMATICS, *MATHEMATICS EDUCATION,
*TEACHER EDUCATION, *UNDERGRADUATE STUDY, EDUCATIONAL PLANNING, PROFESSIONAL
ASSOCIATIONS, MATHEMATICAL ASSOCIATION OF AMERICA, NATIONAL SCIENCE
FOUNDATION

58. SE 004 909 3 03 09 17
QUILLING, MARY; AND OTHERS
RESEARCH AND DEVELOPMENT ACTIVITIES IN R & I UNITS OF TWO ELEMENTARY
SCHOOLS OF MILWAUKEE, WISCONSIN 1966-1967
UNIVERSITY OF WISCONSIN, MADISON, RESEARCH AND DEVELOPMENT CENTER
EDRS
ED 020 911 MF $0.25 HC $1.25
Q5 00 68 23
*CONCEPT FORMATION, *ELEMENTARY EDUCATION, *INSTRUCTION, *MATHEMATICS,
*TEACHING METHODS, ARITHMETIC, EDUCATIONAL PROGRAMS, INDIVIDUAL INSTRUCTION,
RESEARCH AND DEVELOPMENT CENTERS, SCIENTIFIC CONCEPTS; COGNITIVE DEVELOP-
MENT, CLOSED CIRCUIT TELEVISION, GRADE 1, GRADE 4, GRADE 5, GRADE 6,
LEARNING, TEACHING PROCEDURES, RESEARCH REPORTS, WISCONSIN RESEARCH AND
DEVELOPMENT CENTER, COOPERATIVE PRIMARY TEST IN MATHEMATICS

59. SE 004 497 3 02 09 20
RESHICK, LAUREN B.
DESIGN OF AN EARLY LEARNING CURRICULUM
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CENTER
EDRS
ED 018 393 MF $0.50 HC $3.45
12 00 67 67
*CURRICULUM, *CURRICULUM DEVELOPMENT, *ELEMENTARY EDUCATION, *ELEMENTARY
SCHOOL MATHEMATICS, *LEARNING, *MATHEMATICS, INTELLECTUAL DEVELOPMENT,
PITTSBURGH, LEARNING RESEARCH AND DEVELOPMENT CENTER, UNIVERSITY OF
PITTSBURGH, PENNSYLVANIA

(95)
60. SE 004 631
RYAN, JAMES J.
EFFECTS OF MODERN AND CONVENTIONAL MATHEMATICS CURRICULA ON PUPIL ATTITUDES, INTERESTS, AND PERCEPTION OF PROFICIENCY
MINNESOTA STATE DEPARTMENT OF EDUCATION, ST. PAUL
EDRS
ED 022 673 MF $0.75 IC $8.55
01 00 68 169
*ACHIEVEMENT, *CURRICULUM, *CURRICULUM DEVELOPMENT, *MATHEMATICS,
*SECONDARY SCHOOL MATHEMATICS, COMPARATIVE ANALYSIS, GRADE 9, STUDENT
ATTITUDES, STUDENT INTERESTS, BALL STATE MATHEMATICS PROGRAM, SCHOOL
MATHEMATICS STUDY GROUP

61. SE 004 961
SCHOOL MATHEMATICS STUDY GROUP
SMGS NEWSLETTER NO. 17, PANEL ON SUPPLEMENTARY PUBLICATIONS
SCHOOL MATHEMATICS STUDY GROUP, STANFORD UNIVERSITY, CALIFORNIA
03 00 64 47
*ANNOTATED BIBLIOGRAPHIES, *CURRICULUM DEVELOPMENT, *INSTRUCTIONAL
MATHEMATICS, *PUBLICATIONS, *TEXTBOOKS, ALGEBRA, GEOMETRY,
NEWSLETTERS, SCHOOL MATHEMATICS STUDY GROUP, 1964

62. SE 004 957
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SMGS NEWSLETTER No. 24
SCHOOL MATHEMATICS STUDY GROUP, STANFORD UNIVERSITY, CALIFORNIA
10 00 66 29
*CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
*MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, ALGEBRA, CULTURALLY DIS-
ADVANCED, GEOMETRY, PROGRAMED LEARNING, SCHOOL MATHEMATICS STUDY GROUP, 1966

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SCHOOL MATHEMATICS STUDY GROUP
SMGS NEWSLETTER NO. 28, ARTICULATION OF CONTENT OF SMGS TEXTS GRADES
1-3 AND GRADE 4
SCHOOL MATHEMATICS STUDY GROUP, STANFORD UNIVERSITY, CALIFORNIA
01 00 68 13
*ARITHMETIC, *COURSE CONTENT, *CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS,
*INSTRUCTIONAL MATERIALS, GRADE 4, GUIDELINES, INSTRUCTION, MATHEMATICS,
NEWSLETTERS, TEXTBOOK CONTENT, SCHOOL MATHEMATICS STUDY GROUP
64. SE 005 512
SILER, SISTER PHILIP
A STUDY OF THE COMPARATIVE VALUE OF THE TRADITIONAL APPROACH AND THE
MODERN APPROACH IN ESTABLISHING COMPREHENSION OF MATHEMATICAL CONCEPTS
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*CONCEPT FORMATION, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTION,
*MATHEMATICS, *TEACHING PROCEDURES, ARITHMETIC, ACADEMIC PERFORMANCE,
ACHIEVEMENT, COMPARATIVE ANALYSIS, GRADE 6, MATHEMATICAL CONCEPTS, MODERN
MATHEMATICS, RESEARCH REPORTS, STUDENT ATTITUDES, TEACHING

65. SE 005 640
STEFFE, LESLIE P.; PARR, ROBERT B.
THE DEVELOPMENT OF THE CONCEPTS OF RATION AND FRACTION IN THE FOURTH,
FIFTH, AND SIXTH YEARS OF THE ELEMENTARY SCHOOL
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*ARITHMETIC, *CONCEPT FORMATION, *COGNITIVE DEVELOPMENT, *ELEMENTARY
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PROJECT, CENTER FOR COGNITIVE LEARNING, MADISON, WISCONSIN, 1968

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SUPPES, PATRICK
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16 00 66 14
*CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS, *MATHEMATICS, ARITHMETIC,
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SUPPES, PATRICK
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ED 022 706 MF $0.25 H $1.40
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*ACCELERATED PROGRAMS, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL
MATHEMATICS, COMPUTER ORIENTED PROGRAMS, COURSE DESCRIPTIONS, CURRICULUM,
MATHEMATICS, PROGRAM DESCRIPTIONS, STANFORD UNIVERSITY, STANFORD, CALIFORNIA
68. SE 095 202 1 03 09 29
SUPPES, PATRICK
THE COMPUTER AND EXCELLENCE
SATURDAY REVIEW
01 14 67 3

69. SE 004 179 3 03 09 22
SUPPES, PATRICK
STANFORD PROGRAM IN COMPUTER-ASSISTED INSTRUCTION, PROGRESS REPORT NUMBER 6
STANFORD UNIVERSITY, CALIFORNIA, INSTITUTE FOR MATHEMATICAL STUDIES
EDS
ED 016 632 MF $0.25 HC $1.30
67 24

70. SE 004 180 3 03 02 22
SUPPES, PATRICK
STANFORD PROGRAM IN COMPUTER-ASSISTED INSTRUCTION, PROGRESS REPORT NUMBER 7
STANFORD UNIVERSITY, CALIFORNIA, INSTITUTE FOR MATHEMATICAL STUDIES
EDS
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67 44
*ELEMENTARY SCHOOL MATHEMATICS, *MATHEMATICS, *READING, *SLAVIC LANGUAGES, COMPUTERS, COMPUTER ASSISTED INSTRUCTION, EVALUATION, LANGUAGES, STANFORD UNIVERSITY, STANFORD, CALIFORNIA

71. SE 005 214 1 02 09 20
SUPPES, PATRICK
TOMORROW'S EDUCATION - COMPUTER-BASED INSTRUCTION IN THE ELEMENTARY SCHOOL EDUCATION AGE
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72. SE 005 222 1 02 09 20
SUPPES, PATRICK
THE USES OF COMPUTERS IN EDUCATION
SCIENTIFIC AMERICAN
09 00 66 13

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73. SE 004 169 2 02 09 17
SIPPE, PATRICK; IHEKE, CONSTANCE
ACCELERATED PROGRAMS IN ELEMENTARY SCHOOL MATHEMATICS – THE THIRD YEAR
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*CURRICULUM, *GEOMETRY, *MATHEMATICS, ABLE STUDENTS, ARITHMETIC, ELEMENTARY
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SUPPES, PATRICK; AND OTHERS
ARITHMETIC DRILLS AND REVIEW ON A COMPUTER-BASED TELETYPE
THE ARITHMETIC TEACHER
04 09 66 7
*ARITHMETIC, *COMPUTER ASSISTED INSTRUCTION, *CURRICULUM DEVELOPMENT,
*ELEMENTARY SCHOOL MATHEMATICS, *PROGRAMMED INSTRUCTION, CURRICULUM,
INSTRUCTION, MATHEMATICS, NATIONAL SCIENCE FOUNDATION, CARNEGIE CORPORATION

75. SE 005 676 1 02 09 31
SZABO, STEVEN
CURRENT ACTIVITIES OF UICSM
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64 7
*CURRICULUM, *CURRICULUM DEVELOPMENT, *MATHEMATICS, *SECONDARY SCHOOL
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INSTRUCTIONAL FILMS, UNIVERSITY OF ILLINOIS COMMITTEE ON SCHOOL
MATHEMATICS, 1964

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VANDERLIN, CARL J., JR.
A REVIEW OF NEW MATHEMATICS CURRICULUM MATERIALS
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EDRS
ED 022 665 MF $0.25 HC $1.50
66 28
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, *COLLEGE MATHE-
MATICS, *SECONDARY SCHOOL MATHEMATICS, CURRICULUM, MATHEMATICS, PROGRAM
DESCRIPTIONS, DEPARTMENT OF PUBLIC INSTRUCTION, WISCONSIN

(99)
77. **SE 095 169**

**WILLIAMS, J. D.**

**MATHEMATICS REFORM IN THE PRIMARY SCHOOL. A REPORT OF A MEETING OF EXPERTS HELD IN HAMBURG DURING JANUARY, 1966**

UNITED NATIONS EDUCATIONAL SCIENTIFIC AND CULTURAL ORGANIZATION, HAMBURG, WEST GERMANY

UNESCO PUBLICATIONS CENTER, 317 EAST 34 STREET, NEW YORK, NEW YORK

**ED 023 589** NOT AVAILABLE FROM EDRS

67 130


78. **SE 004 101**

**WINGET, LERUE**

**CONSUMER MATHEMATICS GUIDE, TENTATIVE**

UTAH STATE BOARD OF EDUCATION, SALT LAKE CITY

**EDRS**

**ED 018 367** MF $0.50  HC $6.35

66 125

*BUSINESS EDUCATION, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, *TEACHING GUIDES, ARITHMETIC, ALGEBRA, GEOMETRY, GENERAL EDUCATION, INDUSTRIAL ARTS, UTAH STATE BOARD OF EDUCATION, SALT LAKE CITY, UTAH

79. **SE 005 590**

**ZIAUKAS, FRANK**

**CURRICULUM DEVELOPMENT MATERIALS SELECTION PROCEDURES**

PENNSYLVANIA STATE DEPARTMENT OF PUBLIC INSTRUCTION, HARRISBURG

12 00 67 24


80. **SE 004 852**

**ZUR, MORDEHAI**

**IMPLICATIONS OF THE RECENT MATHEMATICS REFORM FOR GRADES 7–9 IN THE UNITED STATES FOR THE ISRAELI ELEMENTARY AND SECONDARY SCHOOLS**

COLUMBIA UNIVERSITY

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

66 249

*CURRICULUM PLANNING, *ELEMENTARY SCHOOL MATHEMATICS, *INTERNATIONAL EDUCATION, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, CURRICULUM, CURRICULUM DEVELOPMENT, INSTRUCTION, ISRAEL
81. SE 005 875 02 09 22
CENTRAL IOWA LOW ACHIEVER MATHEMATICS PROJECT - LOST IN SPACE, HOW IT
MIGHT HAVE BEEN, GIMMICKS, AND TANAGRAMS
CENTRAL IOWA LOW ACHIEVER MATHEMATICS PROJECT, DES MOINES
500
*LOW ACHIEVERS, *MATHEMATICS, *MATHEMATICAL CONCEPTS, ARITHMETIC, GRADE 7,
GRADE 8, GRADE 9, INSTRUCTION, INSTRUCTIONAL MATERIALS, SECONDARY SCHOOL
MATHEMATICS

82. SE 004 977 02 09 17
CURRICULUM AND TEACHING OF MATHEMATICS IN THE HIGHER SECONDARY SCHOOLS -
AN ANALYSIS OF SYLLABUSES
NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING, NIE CAMPUS,
NEW DELHI, INDIA
EDRS
ED 023 584 MF $1.00 HC $13.20
262
*CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTION, *MATHEMATICS,
*SECONDARY SCHOOL MATHEMATICS, CURRICULUM DEVELOPMENT, INSTRUCTIONAL
MATERIALS, LEARNING, OBJECTIVES, SURVEYS, TEXTBOOKS, INDIA

83. SE 004 976 02 09 22
CURRICULUM AND TEACHING OF MATHEMATICS IN THE HIGHER SECONDARY SCHOOLS,
CURRICULUM GUIDE
NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING, NIE CAMPUS,
NEW DELHI, INDIA
EDRS
ED 021 762 MF $1.75 HC $21.40
426
*CURRICULUM, *SECONDARY SCHOOL MATHEMATICS, *COURSE CONTENT, *CURRICULUM
GUIDES, *MATHEMATICS, CURRICULUM DEVELOPMENT, INSTRUCTION, INDIVIDUAL
DIFFERENCES, OBJECTIVES, TEACHING TECHNIQUES, NEW DELHI, INDIA

84. SE 004 978 02 09 22
CURRICULUM AND TEACHING OF MATHEMATICS IN THE HIGHER SECONDARY SCHOOLS,
REPORT OF THE PROJECT
NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING, NIE CAMPUS,
NEW DELHI, INDIA
EDRS
ED 021 763 MF $1.00 HC $11.90
236
*CURRICULUM, *COURSE OBJECTIVES, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS,
ARITHMETIC, ALGEBRA, CURRICULUM DEVELOPMENT, EVALUATION, GEOMETRY,
INSTRUCTIONAL MATERIALS, TEACHING PROCEDURES, INDIA, NEW DELHI

(101)
85. SE 005 203 1 02 09 29
A DESCRIPTION OF THE (GCMP) GREATER CLEVELAND MATHEMATICS PROJECT
EDUCATIONAL RESEARCH COUNCIL OF AMERICA, CLEVELAND, OHIO
06 06 68 3
curriculum, elementary school mathematics, educational programs,
mathematics, program descriptions, secondary school mathematics,
sequential programs, greater cleveland mathematics project

86. SE 005 315 1 02 09 29
GENERAL INFORMATION - THE UNIVERSITY OF ILLINOIS ARITHMETIC PROJECT
EDUCATION DEVELOPMENT CENTER, WATERTOWN, MASSACHUSETTS
11 00 67 3
arithmetic, curriculum, elementary school mathematics, inservice
courses, curriculum development, inservice teacher education, mathematics,
number concepts, program descriptions, university of illinois arithmetic project

87. SE 005 557 1 02 09 29
GREATER CLEVELAND MATHEMATICS PROGRAM
EDUCATIONAL RESEARCH COUNCIL OF AMERICA, CLEVELAND, OHIO
66 15
elementary school mathematics, mathematics, program descriptions,
secondary school mathematics, sequential programs, algebra, geometry,
objectives

88. SE 005 556 1 02 09 32
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