This annotated bibliography/resource guide is intended to assist users in locating resources on educational research in the Bridgewater (Massachusetts) State College Curriculum Library. The first of five sections provides a listing of 25 basic sources for locating educational research, including indexes and abstracts of periodicals and serials of early childhood education, physical and health education, special education, psychology, and the social sciences. The second section lists 10 handbooks, manuals, and guides that explain how to conduct efficient online searches, describe educational research methods and strategies, and supply bibliographies for further reading. The third section contains annotated entries for nine books on sources of statistics and about statistical procedures, as well as five entries for Apple computer programs that create spreadsheets and statistical data tables and perform various computations (e.g., means, standard deviations, chi-squares, and multiple regressions). The 22 entries on testing and measurement in the fourth section range from directories of unpublished experimental measures to guides to computer-aided test construction and textbooks about various testing and measurement techniques. The final section highlights five style manuals that outline rules for formal writing and present specifications for bibliographic citations in both print and nonprint forms. (SD)
A GUIDE TO LIBRARY RESOURCES

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NOTE. In addition to the sources listed below, existing research may be located through the library's card catalog, the OCLC terminals, and computerized database searching. Speak to a librarian for information regarding these services.

**Child Development Abstracts and Bibliography.** University Park (Penn.): Society for Research in Child Development, 6 issues per year. (Periodical Index Area.)

Abstracts of journal articles and reviews of books related to the growth and development of children are found in this source. Each issue has author and subject indexes, which are cumulated in each issue.

**Completed Research in Health, Physical Education, Recreation and Dance.** Reston (Virginia): American Alliance for Health, Physical Education, Recreation, and Dance, annual. (Ref GV 14.5b/A54/V-.)

Abstracts of master's and doctor's theses from 66 institutions are contained in these volumes. Abstracts are arranged by institution, and they are indexed by subject.

**Comprehensive Dissertation Index (CDI).** Ann Arbor (Mich.): University Microfilms International, annual with 5 year and 10 year cumulations. (Reference abstract area.)

CDI is an author, subject, and title/keyword index to virtually all North American doctoral dissertations, including those listed in Dissertation Abstracts International (cited elsewhere in this list).

**Current Index to Journals in Education (CIJE).** Phoenix (Ariz.): Oryx, monthly with annual cumulations. (Periodical Index Area.)
CIJE is an index to over 700 education and education related periodicals. It has separate subject, author, and Journal contents indexes. It also has a main entry section which presents annotations of articles. Although CIJE is an ERIC (Educational Resources Information Center) product, the materials indexed are not on ERIC microfiche. The CIJE uses subject headings provided by the Thesaurus of ERIC Descriptors (Oryx). The CIJE and the Education Index (cited elsewhere in this list) are the primary sources for bibliographic access to periodical literature in education. The CIJE database may be searched by computer.


DAI contains abstracts of doctoral dissertations on all subjects submitted by about 500 participating universities in North America and throughout the world. Each issue is divided into sections A (Humanities and Social Sciences) and B (Sciences and Engineering). Abstracts are subdivided by broad topics, and each issue contains author and title/keyword indexes. Author indexes are cumulated annually in the July-June issue. Most of the dissertations listed may be ordered from DAI on paper or microfiche copy. The DAI database may be searched by computer, and it is included in the Comprehensive Dissertation Index (cited elsewhere in this list).

Education Index. N.Y.: H.W. Wilson, monthly, except July and August, with annual cumulations. (Periodical index area.)

This is a subject and author index to over 400 education periodicals in the English language. Some yearbooks and monographs are also included. Book reviews are indexed separately by author of the work reviewed. The Education Index and the CIJE (Current Index to Journals in Education, cited elsewhere in this list) are the primary sources for bibliographic access to periodical literature in education. Because of differences in the periodicals covered and types of indexing, both sources should be consulted for a thorough search.


An annotated list of English language periodicals and serials in education, this title attempts to make the identification and use of these materials more systematic. The list is arranged in categories such as Higher Education, School Administration, Special Education, etc. Entries include frequency, price, address, description, and a 50 to 100 word annotation. Abstract, index, and database sources are also noted. It has publisher, title, subject, and geographical indexes. This is a well organized and information packed volume.
This should be the starting point for most serious research projects in education. It consists of essays on major topics of concern. The articles attempt to summarize and place in perspective the important research in each area. Articles are followed by extensive bibliographies, and the set is indexed in volume 4. The Encyclopedia of Educational Research can be used to identify the important research available on a given topic. It can also be supplemented by current sources such as the Review of Educational Research (cited elsewhere in this list).

Typical encyclopedic information is included in this set on such topics as biographies, educational and psychological tests, legislation and litigation, interventions, service delivery, and handicapping conditions. Where appropriate, major research is cited in the articles and fully documented in the list of references which follows each article. This is a good source for locating major research in its field. The text of Public Law 94-142 is given in an appendix. There are name and subject indexes in volume 3.

Abstracts for books, journal articles, and dissertations pertaining to handicapped and gifted children are contained in this source. Each issue includes author, title, and subject indexes, and these are cumulated in issue 4 of each volume. This source is available through online computer search services.

Each chapter in this volume is dedicated to a major topic such as "Models of the Reading Process," or "Research on Teaching Reading Comprehension." The research is summarized, and a complete list of references is presented at the end of each chapter. The volume is indexed by subject and author.

Most of the chapters in this source review the research in various aspects of early childhood education. Several of the final chapters are
devoted to research methods in this field. Each chapter is followed by a list of references, and the volume has name and subject indexes.


Chapters in this source report on significant research in the field of teaching. Each chapter is followed by a list of references. Name and subject indexes are included.


Both research and practical topics are covered by the chapters in this volume. A complete list of references is given at the end. Author and subject indexes are included.


Articles in this volume are grouped into three main topics: learning characteristics, differential programming, and noncategorical programming. Each entry gives a thorough review of the research and is followed by an extensive list of references. Author and subject indexes are included. This is part of a projected 3 volume set.

Index Medicus. Bethesda (maryland): National Library of Medicine, monthly. (Periodical index area.)

Index Medicus is a subject and author index to approximately 2,750 biomedical journals from around the world. It also includes a "Bibliography of Medical Reviews" listing articles which survey recent biomedical literature. This is the definitive source in its field, and it is available through online computer search services.

Master's Theses in Education. Cedar Falls (Iowa): Research Publications, annual. (Periodical index area, Ref LB 1025b/M37.)

Master's theses are listed under broad topics in this source. Information includes author, title, and institution. Also provided are tables giving statistics on degrees awarded by topic, state, and institution.

Psychological Abstracts. Arlington (Virginia): American Psychological Association, monthly with annual cumulated indexes. (Periodical Index area.)
Psychological Abstracts provides summaries and indexing for the world's literature in psychology and related disciplines. Abstracts are grouped into broad topics, and monthly issues contain author and subject indexes, which are cumulated annually. This source is also available through online computer search services.


RIE is the basic index to the ERIC (Educational Resources Information Center) microfiche collection. ERIC is a major information source and should be consulted by anyone doing serious research in this field. RIE has an abstract section along with subject, author, institution, and publication type indexes. Annual abstract and index volumes are published by Oryx Press. The Thesaurus of ERIC Descriptors (Oryx, ERIC index table) is a guide to the subject headings used in RIE. The entire ERIC collection is available in the Curriculum Library, and it may be searched by computer.


Reviews of educational research literature are presented in this quarterly publication. Issue four has cumulative author and title indexes for each year. This may be used to supplement retrospective sources such as the Encyclopedia of Educational Research (cited elsewhere in this list).

Social Sciences Index. Bronx (N.Y.): H.W. Wilson, quarterly with annual cumulations. (Periodical index area.)

This is a subject and author index to English language periodicals pertaining to its field. There is a separate listing of book review citations in each issue.

Sociological Abstracts. San Diego (Calif.): Sociological Abstracts, Inc., five issues per year with annual cumulative indexes. (Periodical index area.)

Abstracts of the world's serial literature in sociology and related disciplines are provided in this source. Abstracts are arranged by broad topics. Author, source, and subject indexes are included. The Sociological Abstracts database is available through online computer search services.

Sport and Fitness Index. Ottawa (Ontario): Sport Information Resource Centre, monthly. (Periodical index area.)
This publication claims to index "all major sport, physical education, physical fitness and recreation journals published in English or French." Entries are arranged in topics, and they are indexed by subject.


About 80 journals published by state education associations, school board associations, and departments of education are annotated and indexed by subject in this source.

*** Handbooks, Manuals, and Guides ***


Computer owners who would like to search ERIC (Educational Resources Information Center) and other databases from their homes using DIALOG's "Knowledge Index" service will find this publication useful. DIALOG is a major online database vendor.


This textbook is a practical how-to-do-it manual for use with research methods courses.


Both general sources and sources specific to education are listed with annotations under categories such as Books, Periodicals, Research Studies, Government Publications, etc. This is a guide to places for finding research rather than to the research itself.


The entire research process, from identifying the problem to writing the thesis, is covered in this text. This is a comprehensive overview which includes introductions to major research techniques.

A manual for physical education research, this title covers all the standard topics, including statistics, design of studies, and methods. It also has useful appendices, including one on the use of computers in research.


The major elements of educational research are covered in this concise guide.


Section 1 of this work is a guide to doing research in this field. Section 2 is an extensive annotated bibliography arranged in topics relating to children and infants. Author, title, and subject indexing is provided.


This is a well established text for introductory research methods courses. Appendix I is a useful list of indexes, abstracts, and other reference materials.


Intended for introductory courses in research methods, this is a standard text in its field. Its stated objective is, "...to present the language, principles, reasoning, and methodology of conducting educational research..."


This volume contains a collection of essays covering key issues in educational research.
BOOKS


This textbook is designed for college courses in education and the behavioral sciences.


Mastery of statistical procedures utilized in educational measurement is the objective of this worktext. It includes concise descriptions of computer hardware and of the BASIC programming language. It also presents definitions of major statistical measures along with BASIC programs to compute those measures.


The stated purpose of this brief manual is to introduce basic statistical concepts. It is aimed at students in education and the behavioral sciences.


This is a textbook for a course in experimental design relating to education.


This is the major source for all types of statistics relating to education in the U.S. Statistical tables are organized into topical chapters, each with a brief narrative introduction, and the volume is indexed. One very useful feature is that the original source of each statistic is cited for those who want to pursue a topic in greater detail.

Presented in workbook format, this volume leads the user through various statistical procedures in steps and gives examples of each.


Descriptions and evaluations of popular programs for computing educational statistics are included in this useful pamphlet.


Statistical techniques useful for research in education, psychology, and sociology are covered in this college level text.


The emphasis is placed upon statistics related to testing and measurement in this text aimed at preservice and inservice educators.

**COMPUTER PROGRAMS**

NOTE. The computer programs listed below, as well as other computer programs, are available in the Curriculum Library. In addition, there are several microcomputers for public use during all hours that the library is open. Inquire at the Curriculum Library service desk for information about these resources.

**AppleWorks**, version 1.3 (Apple IIe computer program), by Rupert Lissner. Cupertino (Calif.): Apple Computer, 1983/84. (Cur Lib ISW 0335.)

*AppleWorks* is an integrated program which combines a filing system, word processor, and spreadsheet. The spreadsheet may be used to create and print statistical tables. It will accept labels, statistical data, and formulas, and it can be programmed to perform various computations.

**App-Stat** (Apple IIe computer program). Tulsa (Okla.): StatSoft, 1985/86. (Cur Lib ISW 0444.)

*App-Stat* is described as, "The complete statistical package for the Apple II." It will compute basic statistics, including means, standard deviations, medians, T-tests, and cross tabulations; nonparametric statistics, including chi-squares, V-squares, Spearman R's, ANOVA's, and
Wilcoxon matched pairs; and advanced statistics, including general ANOVA/ANCOVA's, adjusted means, and multiple regressions. Results can be saved and printed. Like all microcomputer based statistical packages, there are limitations on the number of subjects and the number of variables.

PFS: Graph (Apple Ile computer program), by Bessie Chin. Mountain View (Calif.): Software Publishing, 1984. (Cur Lib ISW 0117.)

This program will create, save, and print, bar, pie, and line graphs, once appropriate data has been entered.

Statistics with Finesse (Apple Ile computer program), by James Bolding. Redmond (Wash.): Microsoft, 1984. (Cur Lib ISW 0120.)

This statistical package will make the following computations: means and standard deviations, Pearson correlations, percentages, frequencies, cross tabulations, Z-scores and T-scores, random samples, linear regressions, T-tests, ANOVA's, and many more. Results can be stored on disks and printed. Consult the manual for limitations on numbers of subjects and variables.

VisiCalc (Apple Ile computer program). Wellesley (Mass.): Software Arts, 1984. (Cur Lib ISW 0122.)

VisiCalc is the prototype spreadsheet program. Although there are now numerous competitors with expanded capabilities, VisiCalc still serves very well within its limitations. It is used to create, print, and save statistical tables. It accepts labels, statistical data, and formulas, and it can be programmed to perform various computations.

* * * Testing and Measurement * * *

NOTE. In addition to the sources listed below, which are specific to the testing field, the following indexes are also useful for test research: CIJE (Current Index to Journals in Education), Education Index, Psychological Abstracts, Sociological Abstracts, and Resources in Education. These are described in the section labeled, "Sources for Locating Existing Research."

Various sports tests are described in this source, and comments regarding validity and reliability are included where appropriate. Test descriptions are grouped by sport, and each section has a list of references.


This is a discussion of state-of-the-art developments in the field of computer-assisted test construction, including such topics as: item construction, item banking, and test design.


A letter system is used to rate the norms, reliability, and validity of about 150 prominent standardized tests. This source is helpful if a quick appraisal is desired.


The testing programs listed in this directory are mainly for educational purposes. Entries are arranged in the following categories: Selection/Admission, Academic Credit/Advanced Standing, Certification/Licensing. Included are such items as the College Level Examination Program (CLEP) and the National Board Examination ("BE") for Veterinary Medical Licensing. Address, purpose, description, time limit, passing score, fee, and dates are given. There are program, sponsor, and subject indexes.


In this list of unpublished tests, brief information is given on the following: purpose, number of items, format, reliability, validity, journal citation, and related research. Tests are arranged in broad categories; author and subject indexes are included.

ETS Test Collection Catalog. Phoenix (Ariz.): Oryx, [year]. (Cur Lib Ref LB 3051/E79/V.-.)

Abstracts describing tests in the extensive Educational Testing Service collection are presented in this series. Each volume is indexed by subject, author, and title. Volume 1 (1986) is devoted to
achievement tests; volume 2 (1988) is devoted to vocational tests; and volume 3 (1989) is devoted to tests for special populations.


Although limited in scope and not as scholarly as Mental Measurements Yearbook (cited elsewhere in this list), this source is recommended for its clear, concise presentation. It gives information on the purpose, type, format, strengths, and weaknesses of those tests included. Tests are arranged in categories, and the volume is indexed.


This is a textbook written to assist in the implementation of testing techniques in its field.


Written for a college level course in measurement for physical education, this textbook identifies and describes various test instruments.

Mental Measurements Yearbook (MMY), ed. by James V. Mitchell (formerly ed. by Oscar K. Buros). Lincoln (Nebraska): University of Nebraska Press (formerly published by Gryphon Press), 1938+. (Cur Lib Ref BF 431/B97/V.-.)

MMY is the most important reference work on the subject of testing. This source contains critical reviews of standardized tests written by experts in the field. It includes factual information such as authors, publishers, dates, prices, and components, and it also includes a thorough bibliography for each test instrument. Indexing by title, acronym, subject, publisher, name, and score is available. Tests in Print (TIP, cited elsewhere in this list) may be used as an index to the MMY series. Entries in TIP cite editions of MMY containing reviews. MMY and TIP are difficult tools, and it is recommended that the assistance of a librarian be sought in their use.

Featured in this newsletter are lists of new tests, citations for test reviews, lists of ERIC (Educational Resources Information Center) documents, and lists of new test references. This source is helpful for current information regarding tests, and may be used to supplement Mental Measurements Yearbook (cited elsewhere in this list) for background on very recent tests.


The subtitle reads, "An Illustrated Handbook of Sample Test Items." This source can be used to examine the types of questions or tasks found in various standardized tests.


The subtitle reads, "A reference guide to computer-based products for assessment in psychology, education, and business." This is a fully annotated, alphabetically arranged list of computer software related to testing. A very useful appendix gives sample printouts from programs in the main listing. Several indexes and a supplier directory are included. This is a clearly presented and informative source.


Chapters 1-4 introduce the subject as well as discuss practical applications, technical aspects, and additional resources. The main body of this book contains reviews of about 50 tests in the special education and rehabilitation fields. A "Test Directory" section gives factual information and a brief abstract of each entry. This source is indexed by subject, title, publisher, and name.

(standardized test collection). (Located at the Curriculum Library service desk.)

The Curriculum Library maintains a collection of over 700 standardized tests. These may be requested for in-room use at the service desk. Indexing of holdings is provided by a printed list and a card file.

Technical standards for test construction and professional standards for test use are stated in this volume.


This is an ongoing series of volumes containing reviews of the most frequently used psychological, educational, and business tests. Reviews are arranged alphabetically by title of test within each volume. Title, publisher, author/reviewer, and subject indexes are included. Indexes are cumulated to cover all previous volumes. This series is easier to use, but it is not as thorough as Mental Measurements Yearbook (cited elsewhere in this list).


Subtitled, "A Comprehensive Reference for Assessments in Psychology, Education, and Business," this source is intended to provide quick information. It includes author, level, statement of purpose, a concise description, cost, and publisher. Approximately 4,000 tests are covered in the second edition.


Descriptions of unpublished measures in child behavior are provided by this source. Entries are grouped into categories and are indexed by author, title, and subject. Descriptions include such information as source for obtaining a measure, comments on reliability and validity, and bibliographies for further reference.


TIP is a companion to Mental Measurements Yearbook (MMY, cited elsewhere in this list). It records authors, publishers, and components of tests, and it includes references for further study. Since it cites which editions of MMY contain reviews of a given test, it serves as an index to its companion set. TIP does not contain prices or reviews.


TIM is a collection of unpublished instruments, issued annually on microfiche by the Educational Testing Service. The collection consists
of research editions of tests which may be of interest to other researchers in similar fields.

*** Style Manuals ***


"Campbell's" is a standard style manual appropriate for most types of formal writing, including term papers, reports, theses, and dissertations.


"Turabian" is a standard style manual for formal papers in both scientific and nonscientific fields.


This is intended for use by both graduate and undergraduate students. Note and bibliographical specifications for newer types of sources, such as films, television programs, recordings, and computer software have been included.


The APA style manual is suitable for authors, editors, students, and publishers.


Intended to be used as a companion to "Turabian" and other style manuals, this source provides rules and examples for citing microforms, sound recordings, motion pictures, and other media which might not be fully covered elsewhere.