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ABSTRACT

        An explanation is provided of the Educational
Resources Information Center (ERIC), a national information system
that collects, processes, and makes available a wide range of
educational documents. Contents of the guide include an explanation
of the major components of the ERIC system; searching by subject,
author, or institution in the ERIC collection and education journals;
methods for citing ERIC materials; and computerized search
availability. This is followed by an annotated bilicgraphy of ERIC
materials--abstracts, guides, newsletters, periodicals, and
multi-media user aids. A directory of the 16 ERIC Clearinghouses is
included. (JPF)

A LIBRARY USER'S GUIDE TO ERIC

Revised Edition

by

Robert M. Simmons

ERIC Clearinghouse on Information Resources
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Syracuse, New York

1978

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ERIC

The acronym ERIC stands for Educational Resources Information Center. ERIC is a national information system established by the U.S. Office of Education in June 1964.* Currently, it is being administered ₁e National Institute of Education. Its purpose ₁ collect, process, and make available a wide ₁e of educational documents.

Included in the system are 16 Clearinghouses, each specializing in a particular area of education. (Clearinghouses as of Summer 1978 are appended to this Guide. A current list of Clearinghouses appears in each issue of Resources in Education.)

Documents processed by these Clearinghouses are thoroughly indexed in various ERIC publications. The main publications are: Resources in Education (RIE) and Current Index to Journals in Education (CIJE). Both are official publications of the ERIC system. RIE is published by the Government Printing Office; CIJE is printed through a contractor, Macmillan Information, a division of Macmillan Publishing Co., Inc.

RIE and CIJE are sister publications: RIE contains abstracts mainly of unpublished educational literature, while CIJE contains short annotations of published education journal articles. The Thesaurus of ERIC Descriptors published by Macmillan is the key to the ERIC indexing system. How to use each of these three publications is described in more detail below.

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*In 1964 ERIC stood for Educational Research Information Center. The name was changed to Educational Resources Information Center in 1967.

Most documents indexed in these publications are distributed upon request to individuals, libraries, universities and other institutions.

Ask your librarian about the availability of ERIC microfiche in your area, or write for the latest "Directory of ERIC Microfiche Collections" from: ERIC Processing and Reference Facility, ORI, Inc., Information Systems Division, 4833 Rugby Avenue, Suite 303, Bethesda, Maryland 20014.

MAJOR COMPONENTS OF THE ERIC COLLECTION

First, let us consider the ERIC collection of documents and reports covered by Resources In Education. There are four major components of this ERIC collection.
1. The Thesaurus of ERIC Descriptors.
2. Educational documents on microfiche.
3. Abstracts of the collection of microfiche with indexes (RIE).
4. Machinery to read and reproduce the microfiche.

Use of the Current Index to Journals in Education is discussed in the next section.

1. Thesaurus of ERIC Descriptors. The Thesaurus of ERIC Descriptors is an authority list of the subject terms ("descriptors") used by ERIC to index educational documents. The main section of the thesaurus lists all terms alphabetically and includes references from terms not used ("use" references).

Desegregated Schools
USE School Integration

For some terms, scope notes (SN) are included. Scope notes define how descriptors have been used in the indexes.

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INDIVIDUALIZED INSTRUCTION
SN Adapting instruction to
individual needs within
the group

The newest edition of the thesaurus (7th edition)
gives "postings" for each descriptor. These postings
represent the number of times each term has been used
in CIJE and RIE, thereby giving the researcher an
indication of how much material is available on his
subject.

CREATIVE DRAMATICS
CIJE: 129   RIE: 133

In addition, the thesaurus has references to
narrower terms (NT), broader terms (BT) and related
terms (RT).

Group Status
        NT Family Status
        BT Status
        RT Group Dynamics
           Group Guidance
           Group Relations
           Groups
           Group Structure
           Peer Relationships
           Sociometric Techniques

Three supplementary lists included in the
thesaurus deserve comment. The "Rotated Descriptor
Display" arranges the ERIC descriptors so that each
word of each term is entered separately in alphabetical
order. The "Rotated Descriptor Display" is similar to
a KWIC (Key-Word-In-Context) index.

                 Definitions
        Special Degree Programs
                 Degree Requirements
                 Degrees (Titles)
      Associate Degrees
      Bachelors Degrees
      Doctoral Degrees

3

Masters Degrees
      Specialist in Education Degrees
                              Dejure Segregation

In a standard alphabetical listing, multiword terms
with the word "degree" in them would be widely
separated.

     The "Descriptor Group Display" divides terms into
52 general categories, listing the specific descriptors
which apply to each.

      Audiovisual Materials and Methods
                Airborne Television
                Animation
                Audiovisual Aids
                Audiovisual Communication
                Audiovisual Programs
                Autoinstructional Aids
                Broadcast Television
                Cartoons
                Charts
                Classroom Materials
                etc.
                etc.

This section can be particularly useful to persons who
have determined a broad area of interest and who wish
to narrow the scope of their topic to a point suitable
for research.

     The third supplementary list, the "Two-Way
Hierarchical Display," reveals the relationship of
each descriptor to broader and narrower concepts.

                    :: LIBERAL ARTS
                    :HUMANITIES
               LITERATURE
                    .AMERICAN LITERATURE
                    ..DRAMA
                    ...COMEDY

A system of colons and periods is used to indicate the
degree of broadness and narrowness of terms.   This

                         4

                        8

list is provided to assist researchers by showing the precise "hierarchical" relationship of concepts.

2. <u>Educational Documents on Microfiche</u>. The ERIC collection at present includes about 150,000 document titles, and it is increased at the rate of approximately 1,200 titles per month. The documents are reproduced on microfiche which are 4 inch x 6 inch sheets of film with the pages of the documents photographed and highly reduced in size. Each microfiche carries up to 98 pages.

The contents of the documents in the ERIC collection cannot be easily summarized. There are many research and project reports as well as a wide range of miscellaneous writings related to education. The significant common feature of the material included is that most of it has not been published extensively prior to its inclusion in ERIC, so that these documents are not readily available through other sources (i.e., library book and periodical collections). There are, however, many exceptions to this generalization.

Each title has an ED (ERIC document) number, which is used to locate and identify the report. ED numbers reflect merely the sequence in which documents are processed; or to state it differently, the documents are not in a subject or author arrangement. Subject and author access to the microfiche collection are provided through the various ERIC indexes.

3. <u>Abstract/Indexes to the Microfiche</u>. <u>Resources In Education</u>. (<u>Research In Education</u> before January 1975) is the major abstract/index to the microfiche collection. The contents of RIE list four main sections: document abstracts, subject index, author index, and institution index. The abstract section is arranged by ED number, and it includes a 100-200 word summary of each document. The abstract section also gives complete bibliographic information, a list of descriptors, the clearinghouse which processed the document, and ordering information for each title.

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The subject index lists titles and ED numbers for documents under appropriate descriptors and identifiers. The author and institution indexes also note titles and ED numbers.

There are several other abstract/indexes in addition to RIE available for specialized purposes. Consult the bibliography section of this guide for a listing.

4. Machinery to Read and Reproduce the Microfiche. The following pieces of equipment are commonly available in libraries receiving ERIC documents: readers, reader/printers, and film reproducers. Many libraries also have the REMKARD storage and retrieval system for quick access to ERIC abstracts. Ask the librarian in charge of the ERIC collection what equipment is available at your institution.

Microfiche reader. This machine enlarges the image printed on the film and projects it onto a screen, permitting the document to be read page by page. Some libraries have lighweight portable readers which may be lent to ERIC users.

Microfiche reader/printer. This machine is a reader with the added capability of making paper reproductions of individual pages from microfiche documents.

Film reproducers. Film reproducers are machines which duplicate an entire sheet of microfiche on film. This enables users to acquire their own microfiche copies of reports.

REMKARD storage and retrieval system. This equipment provides quick access to resumes of ERIC documents. REMKARD is similar to a reader/printer in appearance. By pushing buttons corresponding to an ED number, the resume for that document is made to appear on a projection screen. REMKARD can also make paper copies of document resumes. (Although Remington Rand has discontinued this machine, it is still in use in many institutions.)

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SEARCHING BY TOPIC IN THE ERIC COLLECTION

1. Consult the Thesaurus of ERIC Descriptors.
The first step in researching by topic in the ERIC
collection should be to consult the Thesaurus of ERIC
Descriptors. The thesaurus enables you to determine
what subject terms are used to index your topic in
Resources In Education.

If you do not find your subject listed in the
thesaurus, try looking under synonymous terms. It
should be kept in mind that there are many concepts
for which there is no single adequate descriptor. A
person wanting material on the application of programed
instruction to the study of music will have to consult
terms relating to both "Programed Instruction" and
"Music Education."

NOTE: Identifiers. Proper names of persons,
geographical locations, trade names, projects, and the
like are frequently useful in looking up information
in ERIC. However, these highly specific terms,
called "identifiers," are not listed in the ERIC
Thesaurus. Identifiers appear in each entry in the
abstract section of Resources in Education, and those
that are asterisked as major terms appear in the
printed subject index section of RIE. If you are
looking for material about specific acronyms, coined
terminology, equipment names, geographical locations,
organizations and the like, then check the subject
index section of each issue of RIE (and Current Index
to Journals in Education, CIJE--discussed in a following
section) and the annual and semi-annual cumulations for
these indexes.

Once you have located the descriptors and
identifiers which apply to your topic, make a list of
all related terms, narrower terms and broader terms
which you feel may be useful to your research. If you
want to be very thorough, you should check all key
words relating to your topic in the "Rotated Descrip-
tor Display" and you should scan the terms in the
"Descriptor Group Display" category under which your

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topic falls. You may also find it useful to trace
your topic in the "Two-Way Hierarchical Display."
These three Displays are in the back of the thesaurus.

If used correctly, the Thesaurus of ERIC
Descriptors can provide you with a list of subject
terms under which documents on your topic will be
listed in RIE, making this an important step in the
research process.

2. Locate descriptor and identifier terms in
the subject indexes to Resources in Education. RIE
indexes list titles and ED numbers for appropriate
documents under each term. To cover all documents
processed through 1972, it is necessary to consult
only Volume I-II (1966-1969), Volume III (1970-1971),
Volume IV (1972), and Volume V (1973) of ERIC
Educational Documents Index. These volumes cumulate
all subject indexes for RIE through 1973, and they
include earlier material indexed in Office of
Educational Research Reports, 1956-1965. To cover
material issued after 1973, consult the annual
cumulations and monthly issues of RIE.

From the indexes, compile a list of the titles
you desire to study, along with their ED numbers.
Abstracts for the titles on your list may be found in
several sources and you may wish to review them before
actually looking up the reports themselves. They can
be found in the monthly issues of RIE where the docu-
ment was first listed, in cumulative volumes called
ERIC Educational Documents Abstracts, and in REMKARD.
The abstract also comprises the first page of each
document on microfiche.

2.   Locate the desired reports in the microfiche
files. Documents are arranged in sequence according
to their ED numbers. Many longer reports are continued
on two or more microfiche. If the note on the upper
left hand corner of the film indicates 1 of 2, it is
a two part document, 1 of 3, three parts, etc.

Some documents listed in Resources In Education
are not available on ERIC microfiche. If you do not

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find the report you are looking for in the microfiche
files, locate its abstract in the appropriate monthly
issue of RIE. If the document was not reproduced on
ERIC microfiche, the abstract will include the note
"Not available from EDRS" (ERIC Document Reproduction
Service). Recent issues of Resources In Education
designate unavailable documents with a double slash
mark (//) after the ED number. When this occurs, the
abstract will also include a source from which the
document may be obtained. Typically, items not on
microfiche are copyrighted, or they are readily
available through other channels.

   4. View documents on microfiche reading equipment.
Once the desired reports have been located, they can be
viewed and reproduced with the various machines avail-
able in your library. If you do not know how to
operate the equipment, do not hesitate to ask the
library staff member on duty for assistance.

SEARCHING BY AUTHOR OR INSTITUTION
IN THE ERIC COLLECTION

   ERIC materials are indexed by author and by
sponsoring institution, in addition to subject terms
(descriptors and identifiers). If you wish to
discover what articles a certain author has written,
or if you wish to see what materials a certain
university or institution has sponsored, you can
consult the "author" and/or "institution" sections
in the above-mentioned indexes.

SUGGESTED METHODS FOR CITING ERIC MATERIALS

Sample footnote:

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Larry M. Raskin, <u>Long-Term Perceptual Memory</u>
<u>in Educable and Trainable Retardates and Children</u>
<u>with Learning Disabilities</u>, Educational Resources
Information Center, ED 054 552 (Lafayette, Indiana:
Purdue University, 1970), p.4.

Sample bibliographical entry:

Raskin, Larry M. <u>Long-Term Perceptual Memory</u>
        <u>in Educable and Trainable Retardates and</u>
        <u>Children with Learning Disabilities</u>.
        Educational Resources Information Center,
        ED 054 552. Lafayette, Indiana: Purdue
        University, 1970.

ERIC materials are classified neither as books nor
periodicals and therefore may be designated under the
heading SPECIAL SERIES in bibliographies.

BIBLIOGRAPHY

A. Books

        _____
        _____
        _____

B. Special Series

        _____
        _____
        _____

C. Periodicals

        _____
        _____
        _____

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SEARCHING BY TOPIC IN EDUCATION JOURNALS

ERIC provides the Current Index to Journals in Education (CIJE) for persons seeking information in the periodical literature of this field. CIJE furnishes subject and author indexes to over 700 periodicals containing material related to education. Other useful features of CIJE are: a "Main Entry Section," which lists subject terms used to describe each article and provides brief annotations for many articles; a "Journal Contents Index," which lists the articles indexed from each journal under the name of the journal; and a "Source Journal Index," which lists the names of all journals indexed in alphabetical order and gives price, address and frequency of publication for each. The steps for researching a topic in CIJE are described below.

1. Establish your subject terms (descriptors and identifiers). To research a topic using CIJE, begin by establishing the subject terms used to index the desired material. CIJE, like Resources In Education, utilizes the terms listed in the Thesaurus of ERIC Descriptors as well as identifiers. New subject terms are noted in each issue of CIJE and RIE.

2. Locate descriptors and identifiers in the subject indexes to CIJE. Once you have established the descriptors and identifiers for your topic, look them up in the subject index section of CIJE. CIJE was first produced in 1969, and it is issued monthly, with semi-annual and annual cumulations. Consult the annual cumulations for those years which are complete and the monthly and/or semi-annual issues for the current year.

3. Select articles which apply to your project. From the subject section of CIJE, select the articles which apply to your project, recording all the information needed for locating and citing the articles. If you desire more information about an article before actually locating it, look it up in the main entry section. The main entry provides complete bibliographic information, a list of subjects and often brief

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annotations for each article. Trace the main entry
through the EJ (educational journal) number, which is
assigned to each reference.

4. Determine if the desired articles are availa-
ble in your library. Once articles have been selected
and complete bibliographic information has been noted,
consult the periodical records of your library to
determine if the desired items are available. If you
have difficulty interpreting your library's periodical
records or finding journals, do not hesitate to seek
assistance from the librarian responsible for this
area. If the articles you desire are not available at
your library, inquire about the possibility of receiv-
ing them through inter-library loan or other coopera-
tive arrangements. Reprints of indexed articles may
be obtained from University Microfilms International
(UMI) for about 55 percent of the journals covered.
Consult any recent issue of CIJE for complete informa-
tion regarding this service.

NOTE: One point to bear in mind is that articles
indexed in CIJE are not included in the ERIC microfiche
collection. The microfiche collection consists pri-
marily of uncopyrighted materials not readily availa-
ble through other sources. Periodicals are readily
available through well established channels, and most
of them are copyrighted.

SEARCHING BY AUTHOR OR JOURNAL IN EDUCATION JOURNALS

You also may search CIJE by author or by journal
title. If you want to see what a particular author
has written, or if you wish to see what articles a
certain journal has printed, simply consult the
appropriate index in the back of each monthly CIJE.

COMPUTERIZED ERIC SEARCH

Complete bibliographic information for reports
listed in Resources In Education and articles listed

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in the Current Index to Journals in Education is
available for purchase on computer tapes. ERICTAPES,
as they are called, make possible automated searches
of all materials included in the system. A complete
bibliography of ERIC reports with abstracts and
journal articles indexed by CIJE, with annotations,
can be produced on a given subject.

Many universities, state departments of education
and research centers receive ERICTAPES and provide a
range of automated bibliographic services, as do some
individual clearinghouses. There are also commercial
services which sell access to ERICTAPES via remote
terminals fed into a centralized computer. Inquire
at your institution regarding the availability of
automated ERIC research. A comprehensive listing of
such services, complete with telephone numbers, names
of contact persons, prices, etc., is available in the
following directory:

Survey of ERIC Data Base Services. Available from:
ERIC Processing and Reference Facility, ORI, Inc.,
Information Systems Division, 4833 Rugby Avenue, Suite
303, Bethesda, Maryland 20014. This same address
should be used for all other information regarding
ERICTAPES.

SELECTED BIBLIOGRAPHY OF ERIC MATERIALS

This bibliography is selective and will become
outdated as new materials are produced. For additional
references about the ERIC system consult:

Brandhorst, W. T. and Dorothy Slawsky. "ERIC
    Bibliography: Selected References Concerning
    ERIC." In ERIC Information Analysis Products,
    1967-1972, edited by J. I. Smith and Mary F.
    McCord. Educational Resources Information
    Center, ED 078 862. Washington, D.C.: ERIC
    Clearinghouse on Library and Information
    Sciences, 1973, pp. xix-xxx.

To keep informed of the latest items, check the

notices in current issues of RIE and CIJE, and solicit
promotional literature from the clearinghouses and
publishers which produce ERIC materials.

Abstracts, Indexes and Thesaurus

Abstracts of Instructional and Research Materials
    (AIM/ARM). Columbus, Ohio: The Center for
    Vocational and Technical Education, Ohio State
    University, v.7, 1974- v.9, 1976.

        Each issue combines AIM and ARM (see
    entries below) in a single volume. Though
    merged under one cover, AIM and ARM constitute
    separate sections, and they are essentially
    the same as before the merger. The frequency
    of publication had been increased to six times
    per year.

        This series is now being continued under
    the new title Resources in Vocational Education
    (see entry under new title).

Abstracts of Instructional Materials in Vocational
    and Technical Education (AIM). Columbus, Ohio:
    The Center for Vocational and Technical
    Education, Ohio State University, v.1,
    1967- v.6, 1973.

        A quarterly abstract index to instructional
    materials in vocational and technical education.

        Each issue of AIM is assigned an ED number
    under which reports listed in that issue are
    available as a set in the ERIC microfiche collec-
    tion. Reports within each set are arranged by VT
    number. Each issue of AIM contains a listing of
    ED numbers corresponding to all previous issues
    of AIM.

        Contents: abstracts, subject and identifier
    index, personal and institutional author index.

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Starting with volume 7, 1974 individual issues
of AIM and ARM were combined under one cover. The
indexes to AIM and ARM are cumulated in a combined
annual volume, the AIM-ARM Annual Index.

Abstracts of Research Materials in Vocational and
    Technical Education (ARM). Columbus, Ohio:
    The Center for Vocational and Technical Educa-
    tion, Ohio State University, v.1, 1967- v.6,
    1973.

        A quarterly abstract/index to research
    materials in vocational and technical education.
    Includes a listing of research projects in
    progress. Otherwise this set is identical to
    AIM. Starting with volume 7, 1974 combined
    with AIM under one cover.

Current Index to Journals in Education (CIJE), v.1-3.
    New York: CCM Information Corporation, 1969-71.
    _____, v.4- . New York: Macmillan Informa-
    tion, 1972- .

        Provides detailed indexing to articles in
    over 700 education and education-related journals.
    Issued monthly with semi-annual and annual cumu-
    lations. Utilizes terms listed in the Thesaurus
    of ERIC Descriptors.

        Contents: source journal index, subject
    index, author index, journal contents index and
    main entry section.

        Two notable features of this tool are the
    article annotations which appear in the main
    entry section and the journal contents index,
    which lists articles indexed under each journal
    title.

        Articles indexed in this source must be
    located in the journals themselves; they are not
    included in the ERIC microfiche collection.

ERIC Clearinghouse on Library and Information Sciences.
    Library and Information Sciences: an ERIC
    Bibliography. New York, CCM Information
    Corporation, 1972.

        A bibliography of documents and articles
    dealing with library and information sciences.
    The contents include: a main entry section,
    listing ERIC documents with abstracts; a section
    listing journal articles with annotations; a
    subject index; an author index; and an availa-
    bility section, which provides ordering informa-
    tion.

        Similar subject bibliographies are available
    on career education, early childhood education,
    educational finance, reading and social studies/
    social science education. These may be ordered
    from Macmillan Information, 100 D Brown Street,
    Riverside, New Jersey 08075.

ERIC Educational Documents Abstracts (separate
    volumes for 1968, 1969, 1970 and 1971). New York:
    CCM Information Corporation, all 1972.

    _____ (1972, 1973, 1974, 1975 in separate volumes;
    1976 in 2 volumes). New York: Macmillan Informa-
    tion, 1973-1977. Annual publication.

        Each volume cumulates all report abstracts
    for the specified year. Abstracts are arranged
    according to their ED (ERIC document) number in
    one listing for each year. These volumes make
    it unnecessary to refer to monthly issues of
    Resources in Education (Research in Education)
    for document abstracts. Document abstracts are
    also available on the microfiche themselves.

ERIC Educational Documents Index, 1966-1969. New York:
    CCM Information Corporation, 1970, 2v.

        A cumulative subject-author index to all
    issues of Research in Education through 1969.

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Also included is the material listed in Office of
Education Research Reports, 1956-65, and the ERIC
Catalog of Selected Documents on the Disadvantaged.

Entries give title and ED number for each
report. Volume 1 lists major descriptors, which
are terms designating the chief concepts of a
document. Volume 2 lists minor descriptors, which
describe documents to a level of specificity
beyond that of major descriptors. Volume 2 also
contains the cumulative author index.

ERIC Educational Documents Index, 1970-1971. New York:
CCM Information Corporation, 1972.

A continuation of the earlier volume, cover-
ing the years 1970 and 1971. The format is iden-
tical to the 1966-1969 edition except that all
sections are here bound in one volume.

ERIC Educational Documents Index · Institutions,
1966-1971. New York: Macmillan Information,
1973.

This cumulative list of organizational
sources of documents and report literature
supplements the two ERIC Educational Documents
Indexes for 1966-1971; the institution index is
included in subsequent editions.

ERIC Educational Documents Index (separate volumes for
each calendar year 1972-1976). New York:
Macmillan Information, 1973-1977. Annual
publication.

These one year cumulations provide access
to ERIC reports by author, major descriptor,
minor descriptor, and institution indexes.

Piele, Philip. Selected Documents In Higher Education,
Number and Subject Index. Educational Resources
Information Center, ED 012 110. Eugene, Oregon:
University of Oregon, n.d.

Index to reports ED OCO 001 through ED 001 00(
all relating to higher education. Contents: part
1, subject index; part 2, list of reports by ED
number. Abstracts not included. This index is
available only on microfiche.

Prentice-Hall Editorial Staff. Complete Guide and
Index to ERIC Reports: Thru December 1969.
Englewood Cliffs: Prentice-Hall, Inc., 1970.

A cumulative subject-author index to all
issues of Research In Education through 1969.

This work provides essentially the same
information as ERIC Educational Documents Index,
1966-1969; however, the format differs signifi-
cantly. The subject index to the Complete
Guide.... lists only ED numbers, Titles have
to be searched in a separate listing. The
Complete Guide ... combines major and minor
descriptors in one listing, distinguishing
between them with bold and light face type.

Contents: subject index, author index,
clearinghouse index, numerical title list. The
preface includes a list which correlates ED
numbers to ERIC index issues.

Resources in Vocational Education. Columbus, Ohio:
National Center for Research in Vocational
Education, Ohio State University, begins with
v.10, 1977-

Continues the AIM/ARM series cited above.
Beginning with volume 10, all materials listed
have individual ED numbers, making their
location in the microfiche files less compli-
cated. There are also changes in design and
format. Issued six times per year with annual
cumulations.

Smith, J. I. and Mary F. McCord. ERIC Information
    Analysis Products, 1967-1972. Educational
    Resources Information Center, ED 078 862.
    Washington, D. C.: ERIC Clearinghouse on
    Library and Information Sciences, 1973.

        An abstract/index to bibliographies, review
    papers and related materials published by the
    clearinghouses during the time span indicated.
    The main entry section is followed by subject
    and author indexes. A noteworthy feature of
    this volume is a twelve page bibliography of
    references about the ERIC system. A hard copy
    edition of this publication is available from
    Macmillan Information, N.Y. See ED 087 411
    for a similar volume covering 1972-73, and
    ED 126 856 for 1973-1975.

U.S. Educational Research Information Center. ERIC
    Catalog of Selected Documents on the Disadvantaged,
    Number and Author Index. Washington, D. C.:
    GPO, 1966.

        Indexes 1,740 documents dealing with the
    special educational needs of the disadvantaged,
    ED 001 001 through ED 002 740. Does not include
    document abstracts.

_____. ERIC Catalog of Selected Documents on the
    Disadvantaged, Subject Index. Washington, D.C.: GPO,
    1966.

        Subject index to reports ED 001 001 through
    ED 002 740. Includes ED numbers only; no titles.

_____. Office of Education Research Reports,
    1956-65, Indexes. Washington, D. C.: GPO, 1967.

        Indexes reports ED 002 747 through ED 003
    960 by author, institution, subject, and report
    number.

_____. Office of Education Research Reports, 1956-65, Resumes. Washington, D.C.: GPO, 1966.

 Abstracts of 1,214 research reports received by the Bureau of Research before the start of publication of Research In Education. Lists ED 002 747 through ED 003 960.

U.S. Educational Resources Information Center. Current Topics in Education. Palo Alto, Calif.: Lockheed Communications and Information Sciences Laboratory, topic 1, number 1, 1972-1974.

 A series of literature surveys covering current topics of interest in the field of education. Each issue listed selective periodical citations, (with annotations) and ERIC document abstracts on its given topic. Some sample topics are: no. 2 - Early Childhood Programs, no. 7 - Finance and Organizational Change in Education, no. 12 - Instructional Programs and Curriculum Planning in Reading. Publication ceased in 1974. Back issues, if they can be located in your library, have some value.

_____. Manpower Research Inventory. Washington, D.C.: GPO, v.1-1966/67, v.2-1968, v.3-1969.

 An abstract/index to manpower research sponsored by various federal agencies.

 Reports MP 000 001 through MP 000 946 comprise a separate collection of microfiche. Reports MP 000 947 through MP 001 042 have corresponding ED numbers and are interfiled with the main ERIC collection.

 Contents: document abstracts, subject index, institution index, sponsoring agency index, investigator index, report number index, contract and grant number index, cross reference index.

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_____. _Pacesetters in Innovation_. Washington, D.C.: GPO, v.1-1966, v.2-1967, v.3-1968.

An abstract/index to PACE (Projects to Advance Creativity in Education) approved under Title III, Supplementary Centers and Services Program, Elementary and Secondary Education Act of 1965.

Reports listed in these volumes comprise a separate collection of microfiche, ES 000 001 through ES 002 554.

Contents: subject index, local education agency index, project number index, project resumes.

_____. _Pacesetters in Innovation, Cumulative Issue of All Projects in Operation as of February 1969_. Washington, D. C.: GPO, 1969.

Cumulates projects listed in volumes 1, 2 and 3 which were still in operation as of February 1969. Listed also are 45 new projects which did not appear earlier (ES 002 555 through ES 002 599). These new projects, however, are not available on microfiche, since the original copies were not of reproducible quality. The format is the same as earlier volumes.

_____. _Pacesetters in Innovation, Fiscal Year 1969_. Washington, D.C.: GPO, 1971.

An abstract/index to PACE (Title III, ESEA, 1965), the Bilingual Education Program (Title VII, ESEA, 1965), and the Dropout Prevention Program (Title VIII, ESEA, 1965); all funded during the fiscal year 1969. The format is the same as earlier volumes.

_____. _Research In Education_. Washington, D.C.: GPO, v.1, 1966- v.9, 1974.

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Starting with the January 1975 issue, the
title changed to Resources In Education to account
for the broader scope of the material covered.
See entry below for a full annotation.

_____. Research in Education: Report Resumes,
November 1966 - December 1967. Washington, D.C.:
National Standards Association, Inc., 1977.

This volume reprints the report resumes
which appeared in the first fourteen issues of RIE.
It is an extremely useful tool because it cumulates
this material for the first time, and it supple-
ments the ERIC Educational Documents Abstracts
series. Contains abstracts ED 010 000 - ED 012
348.

_____. Resources In Education. Washington, D.C.:
GPO, v.10, 1975-.

The primary abstract/index to the ERIC
microfiche collection. Issued monthly. Index
sections cumulated semi-annually and annually
until 1975 when the annual cumulations were
discontinued.

Contents: document abstracts, subject
index, author index, institution index, clearing-
house number/ED number cross reference index.

V.1, 1966-v.9, 1974 used the title Research
In Education. V.1 starts with ED 010 000.

_____. Thesaurus of ERIC Descriptors, 7th ed.
New York: Macmillan Information, 1977.

An authority list of the subject terms
(descriptors) used in various ERIC indexes,
notably Resources in Education and Current Index
to Journals in Education.

Part 1 -- an alphabetical listing of
descriptors with cross references to broader

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terms (BT), related terms (RT), and narrower terms
(NT). Part 2 -- "Rotated Descriptor Display," a
list of all descriptors with each element of each
term entered separately in alphabetical order.
Part 3 -- "Two-Way Hierarchical Term Display," a
list revealing the relationship of each descrip-
tor to broader and narrower concepts. Part 4 --
"Descriptor Group Display," terms arranged under
52 general categories.

New editions of the thesaurus are issued
every several years, and new descriptor terms
are listed in the back of each issue of RIE and
the CIJE.

_____. Title Index to ERIC ED Accessions File,
1966-1976. Bethesda, Md.: ERIC Processing and
Reference Facility [1977], 2 vols.

.Provides title access to the ERIC collection.
Each entry includes title, number of pages, date,
and ED number. This is an essential volume, since
the standard ERIC indexes do not have title sections.
Fully cumulated annually, with quarterly supple-
ments.

Guides to ERIC

Brown, James W., and others. ERIC: What It Can Do For
You/How to Use It. Stanford, Calif.: ERIC
Clearinghouse on Information Resources, 1975.
ED 110 095.

Ervin, Sharon. Everyman's Guide: an ERIC Search
System for Social Studies Teachers, Consultants,
and Librarians. Boulder, Colo.: ERIC Clearing-
house on Social Studies/Social Science Education,
n.d. ED 049 960.

Jewell, Sharon and W. T. Brandhorst. Search Strategy
Tutorial; Searcher's Kit. Washington, D.C.:
National Institute of Education, 1973. ED 082
763.

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Johnson, John R. The Structure and Operation of ERIC.
    Unpublished seminar paper, 1974. D 094 789.

U.S. National Institute of Education. How to Use ERIC.
    Washington, D.C.: GPO, 1978. Available from
    Central ERIC, National Institute of Education,
    Washington, D.C. 20208.

U.S. Office of Education. How to Conduct a Search
    Through ERIC. Washington, D.C.: ERIC Clearing-
    house on Teacher Education, 1970. ED 036 499.

Yarborough, Judith. How to Prepare for a Computer
    Search of ERIC: A Non-Technical Approach.
    Stanford, Calif.: ERIC Clearinghouse on Informa-
    tion Resources, 1975. ED 110 096.

ERIC Newsletters and Other Informational Literature

Most of the ERIC clearinghouses issue newsletters
and other miscellaneous publications. These provide
current information about ERIC and about the subject
specialty of the particular clearinghouse. They also
spotlight important upcoming ERIC documents in their
respective fields. Persons desiring to receive news-
letters and other informational literature should
address inquiries to the clearinghouses which relate
to their needs. A complete list of clearinghouses
with their addresses appears in each monthly issue of
Resources in Education.

ERIC Periodicals

ERIC Processing and Reference Facility. ERIC Database
    Users Interchange. Bethesda, Md.: ERIC Process-
    ing and Reference Facility, November 1972- .

    This news bulletin covering current activi-
    ties of the ERIC system as a whole includes
    announcements of new products and services,

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studies of the system, and availability of older materials which have been reprinted.

Published irregularly by the Facility, it is distributed free of charge. To have your name put on the mailing list, write to the Editor, Interchange, ERIC Processing and Reference Facility, 4833 Rugby Avenue, Suite 303, Bethesda, Maryland 20014.

U.S. ERIC Clearinghouse for Junior Colleges. The ERIC Report. Los Angeles, Calif.: The Clearinghouse, University of California, no. 1, 1973- no. 5, 1974.

The purpose of this publication was to disseminate information between clearinghouses and to users of ERIC products. Includes editorials, articles, news from clearinghouses, a Washington report, letters and information on new products and services. Publication ceased with the fifth issue.

Multi-Media Kit

U.S. Educational Resources Information Center. ERIC: What It Is, How To Use It. (James E. Davis, Project Coordinator.) Boulder, Colo.: Clearinghouse for Social Studies/Social Science Education, 1974.

This multi-media kit is designed to teach the use of ERIC materials. It includes three filmstrips with cassettes: (1) "An Introduction to ERIC," (2) "Learning to Use Research in Education," and (3) "Doing an ERIC Search." A coordinator's manual and demonstration mock-ups of ERIC research tools are provided.

Available for $35.00 from National Audiovisual Center, Attn: Order Section, GSA, Washington, D.C. 20409. Order Number: 009000. Checks must be made payable to "National Archives Trust Fund."

THE ERIC CLEARINGHOUSES

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School of Education Building
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Telephone: (313) 764-9492

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Eugene, Oregon 97403
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services: gifted, mentally retarded, visually
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impaired.

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Telephone: (202) 296-2597

All research documents on higher education
except for teacher education, junior colleges,
and teaching English.

Information Resources/IR
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Syracuse University
Syracuse, New York 13210
Telephone: (315) 423-3640

Instructional media and technology,
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(television, videotape, films), education in
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To order documents with ED numbers listed in this Guide, consult "How to Order ERIC Documents" at the back of any issue of RIE. Prices are based on the number of microfiche or pages; see a recent issue for current prices and postage charges.

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