Comparing Articles on Mathematics Education

Note: it might be easier to find your older article first and then look for a current article on the same topic in one of the library’s databases.

A. Finding Current Journal Articles (1980s- current) on mathematics education
To locate current articles on mathematics education use one of the library’s online education databases (EBSCOHost Education Databases or Education Index. Select full text coverage is available from these databases.

1. Start at the library home page (http://www.jsu.edu/depart/library/)
2. Click on Find Articles “Databases”
3. Click on “Databases by Subject” and scroll down to “Education.”
4. Use EBSCOHost Education Databases, ERIC, or Education Full Text.
5. Type in keywords such as “mathematics,” “elementary,” “addition,” “mathematics education,” etc.

B. Using an Index to find older articles on mathematics education

1. Education Index
   To locate journals on mathematics education prior to the eighties in education, use Education Index. Education Index is the oldest index of journal articles specifically in education. This resource indexes journal articles from 1929-1999. See the map included in this handout to locate Education Index.
   a. Look up “mathematics” in any year of the index. Choose an article.
   b. To locate a journal, write down the whole citation (title of article, title of journal, journal volume, issue, page numbers, and year). The journal titles are abbreviated but the full titles are listed at the beginning of each index.
   c. To find out whether the library has the journal, check the online Library Catalog. From the library home page, click on Find Books “Library Catalog.” Type in the title of the journal. Limit your search to “journal title.”
   d. Use the call number and full citation to locate the journals in either the bound journal location or the journal microfilm location. The library catalog indicates whether a specific volume is in print or on microfilm/microfiche. See map below for locations.

2. Poole’s Index to Periodical Literature.
   This index is located on the second floor on the index carrels near the current newspapers. The call number is AL 3 .P7. Look up “mathematics- study and teaching.” Because this is a very general index and not education-specific, the coverage of teaching mathematics education is very low. However, there are a few journals that are referenced on teaching elementary mathematics. The citations to the articles are given. Abbreviations for journal titles are in the front of the index.
C. Finding Older Journal Articles by Browsing
Another method to locate older articles on mathematics education, particularly those prior to 1929, is to browse through old volumes of journals. The titles and call numbers for the following journals are good sources to search. Please note that that some volumes indicate that they are in microfiche/microfilm. These may be viewed and printed out from the microfilm readers on the second floor. The Internet link indicates that a journal is available full text from a database and provides coverage begins. Full text articles prior to the 1989s are not available and must be copied from journals in the library. Copies are 5 cents a page.

D. Journal List (not exhaustive)

**Mathematics Teacher**
Call Number: L.11.M3x
Indexes: 1966-1975

**Arithmetic Teacher**
Call Number: L.11.A7x
Library Has: v.1-8 (1954-1961) [microfilm], v.4-22 (1957-1975), v.12 (1965) [microfilm]
v.20-26 (1973-1979) [microfilm], v.24-41 (1977-1993/94)
Elementary School Teacher
Call Number: L11 .E6
Library Has: v.10-12 (1909-1912)

Teaching Children Mathematics
Call Number: L11 .A72x
Library Has: v.1- Current
Internet Link: Periodical (Gale InfoTrac OneFile) Full text available: 01 Sep 1994-

Elementary School Journal
Call Number: L11 .E6
Internet Link: Periodical (EBSCOhost) Full text available: 01 Sep 1990-

Mathematics Teaching in the Middle School
Call Number: L11 .M4x
Library Has: v.1-9 (1994/95-current)
Internet Link: Periodical (H.W.Wilson) Full text available: 1997-

School Science and Mathematics
Call Number: LB 1585 .S22x
Library Has: v.21 (1921), v.26-32 (1926-1932), v.34-103 (1934-current)
Internet Link: Periodical (EBSCOhost) Full text available: 01 Oct 1993-

Instructor
Call Number: L11 .I55
Indexes: 1966-1971

American Educational Research Journal
Call Number: L11 .A66
Library Has: v.1-40 (1964-current)
Internet Link: Periodical (H.W.Wilson) Full text available: 2001-
**Education**

Call Number: L 11 .E2

Library Has: v.1-68 (1880-1948) [microfilm], v.42 (1921/22), v.44-61 (1923-1941)  
  v.89-124 (1968-2003/04)

Internet Link: Periodical (EBSCOhost) Full text available: 01 Mar 1990-

**Grade Teacher**

Call Number: L11 .G7

Library Has: v.46-72 (1929-1955) [microfilm], v.52 (1934/35), v.73-89 (1955-1972)

**Alabama School Journal**

Call Number: L 11 .A28

Status: No information available

  v.57-88 (1939-current)

**Journal of Education**

Call Number: L 11 .J5

Status: Not Charged

Library Has: v.1-126 (1875-1943) [microfilm], v.69 (1909), v.101-120 (1925-1937)  
  v.150-182 (1967-current)

Internet Link: Periodical (EBSCOhost) Full text available: 01 Jan 1990-

**Journal of Experimental Education**

Call Number: L 11 .J77

  [microfiche], v.58-72 (1989-current)

Internet Link: Periodical (EBSCOhost) Full text available: 01 Jan 1994-  
  Periodical (Gale InfoTrac OneFile) Full text available: 22 Sep 1997-

**Review of Educational Research**

Call Number: L 11 .R35

  [microfiche], v.61-73 (1991-current)

Internet Link: Periodical (H.W.Wilson) Full text available: 2001 -
School Life/ continued by American Education
Call Number: L11 .S445
Library Has: v.13-46 (1927-1964)

Journal of Educational Method
Call Number: L11 .E223
Library Has: v.4-6 (1924-1927), v.8-22 (1928-1943)

Education Digest
Call Number: L11 .E265
Internet Link: Periodical (EBSCOhost) Full text available: 01 May 1990-

Educational Leadership
Call Number: L11 .E443
Internet Link: Periodical (EBSCOhost) Full text available: 1985-
Periodical (Gale InfoTrac OneFile) Full text available: 01 May 1992-01 Sep 1998
Periodical (EBSCOhost) Full text available: 01 Oct 1974-

Curriculum Journal
Call Number: LB1628.A1 C8
Library Has: v.11-13 (1940-1942)

Educational Research Bulletin
Call Number: L11 .E495
Library Has: v.1-40 (1922-1961)

Journal of Secondary Education
Call Number: L11 .C28
Library Has: v.36-37 (1961-1962) [microfilm]
Changing Education
Call Number: L11 .C38
Library Has: v.1-5 (1966-1974) [microfilm]

Harvard Educational Review
Call Number: L11 .H3
Status: Not Charged
Library Has: v.34-73 (1964-current)

Nation’s Schools
Call Number: L11 .N28

Peabody Journal of Education
Call Number: L11 .P35
Library Has: v.1-78 (1923-current)
Internet Link: Electronic version (full text available) 2000-
Periodical (EBSCOhost) Full text available: 01 Jan 1999-. (Due to publisher restrictions, the most recent 12 months are not available.)

American School Board Journal
Call Number: L11 .A8
Library Has: v.71-76 (1925-1928), v.78-86 (1929-1933), v.88-105 (1934-1942)
Internet Link: Periodical (EBSCOhost) Full text available: 01 Jul 2003-

School and Society
Call Number: L11 .S36
Library Has: v.26-59 (1927-1944)
v.61-100 (1945-1972)

Theory into Practice
Call Number: LB 1028 .T42
Internet Link: Periodical (EBSCOhost) Full text available: 01 Feb 1975-
**Young Children**
Call Number: LB 1140 .A1 J6

**American Childhood**
Call Number: LB1141.A2 A3

**Childhood Education**
Call Number: LB 1141 .C5
Library Has: v.15-49 (1938-1973), v.51-80 (1974-current) [v.69 no.3 1992/93 missing]

**Phi Delta Kappan**
Call Number: LJ 121 .P4
Status: Not Charged
Current Issues: v. 86, no. 1 (2004 Sept.)
Internet Link: Periodical (EBSCOhost) Full text available: 01 Jan 1994-

E. Having a hard time thinking of a topic?
Browse books on evolving/ changing theories in mathematics such as the following:

- *History of Mathematics Education in the United States and Canada*
  QA1 .N3 32d 1970  Location- Circulating (9th floor)

- *New Directions for Elementary School Mathematics*
  QA1 .N3 1989 Location- Circulating (9th floor)

- *Yearbooks from the National Council of Teachers of Mathematics* (many different topics)
  QA1 .N3 (9th floor) Location- Circulating (9th floor)

- *Encyclopedia of Mathematics Education*
  QA .11 .E665 2001 Location- Reference (9th floor)

- *Mathematics Education in Secondary Schools and Two-Year College: a Source Book*
  QA 12 .M377 Location- Reference (9th floor)