

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

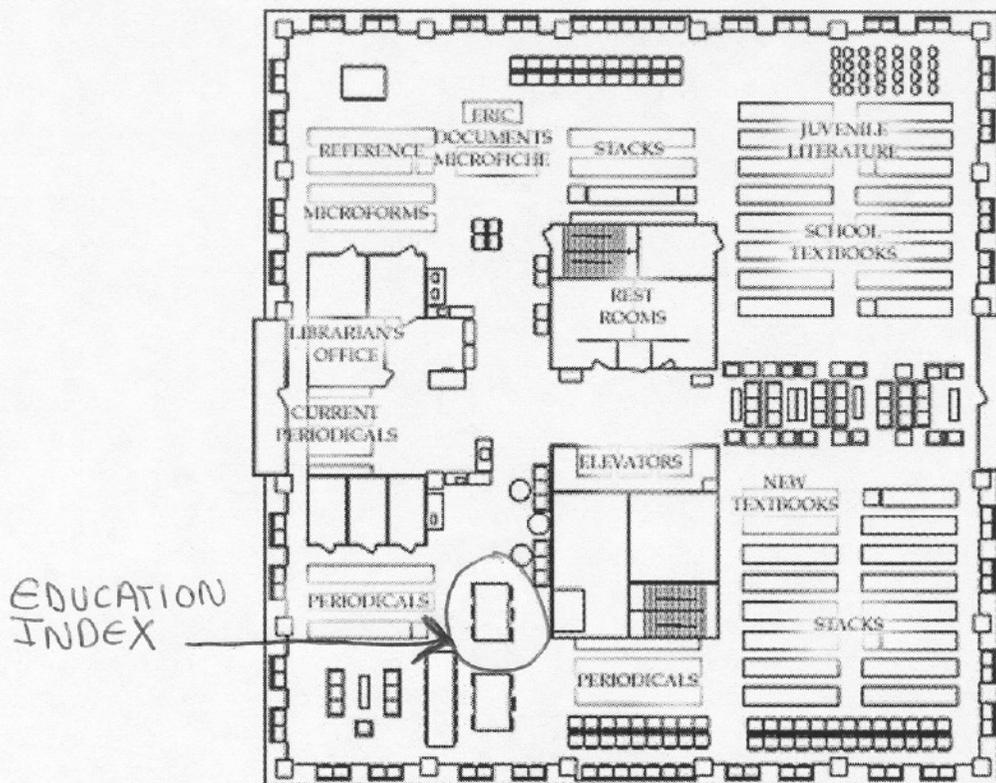
1. *Education Index*

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 [AI 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.



Map of the Fifth Floor

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

Library Has: v.21-22 (1928-1929), v.24-37 (1931-1944), v.39-96 (1946-2003)

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)

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: [L 11 .A72x](#)

Library Has: v.1- Current

Internet Link: [Periodical \(Gale InfoTrac OneFile\) Full text available: 01 Sep 1994-](#)

Elementary School Journal

Call Number: [L 11 .E6](#)

Library Has: v.15-48 (1914-1948), v.49:no.1-4 (1948),v.50:no.4-5,7-9 (1949/50)
v.51:no.1-2,4-6,9 (1950/51),v.52:no.1-2,7 (1951/52)
v.53-75 (1952-1975),v.76 (1978/79) [microfilm],v.77 (1976/77)
v.79-104 (1978-current)

Internet Link: [Periodical \(EBSCOhost\) Full text available: 01 Sep 1990-](#)

Mathematics Teaching in the Middle School

Call Number: [L 11 .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](#)

Library Has: v.44-61 (1934-1952) [microfilm],v.44-45 (1934-1936),v.62-63 (1952-1953)
v.65-67 (1955-1958),v.69-90:no.9 (1959-1981:apr)

Indexes: 1966-1971

American Educational Research Journal

[L 11 .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.66-81 (1945-1957), v.83-85 (1961-1964),v.88 (1967/68) [microfilm]
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

Library Has: v.40-41 (1922-1924),v.43-47 (1925-1930),v.49-55 (1931-1938)
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.122-126 (1939-1943),v.128 (1945),v.131 (1948),v.134-148 (1951-1966)
v.150-182 (1967-current)

Internet Link: [Periodical \(EBSCOhost\) Full text available: 01 Jan 1990-](#)

Journal of Experimental Education

Call Number: [L 11 .J77](#)

Library Has: v.23-30 (1954-1962),v.1-54 (1932-1986) [microfilm],v.55-57 (1986-1989)
[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](#)

Library Has: v.8-13 (1938-1943), v.18-25 (1948-1955),v.27-31 (1957-1961)
v.43-44 (1973-1974),v.32-58 (1962-1988) [microfilm],v.59-60 (1989-1990)
[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: [L 11 .E265](#)

Library Has: v.1-3 (1935-1938), v.5-7 (1939-1942),v.13-14 (1947-1949),v.15-18 (1949-1953) [microfilm], v.19-23 (1953-1958),v.25-26 (1959-1961), v.24 (1958/59) [microfilm], v.28 (1962/63),v.29-31 (1963-1966) [microfilm] v.34 (1968/69) [microfilm],v.32-33 (1966-1968),v.35 (1969/70) v.36 (1970/71) [microfilm],v.37 (1971/72),v.38 (1972/73) [microfilm] v.40-54 (1974-1989) [microfilm],v.55-68 (1989-current) [microfiche]

Internet Link: [Periodical \(EBSCOhost\) Full text available: 01 May 1990-](#)

Educational Leadership

Call Number: [L 11 .E443](#)

Library Has: v.1-24 (1943-1967), v.26-32 (1968-1975),v.33 (1975-1976) [microfilm] v.34-54 (1976-1996/97) [missing v.49:no.2 1991/92],v.55-61 (1997-current)

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](#)

Library Has: v.1-11 (1928-1933), v.13-43 (1934-1949), v.45-90 (1950-1972), v.92-93 (1973-1974)

Peabody Journal of Education

Call Number: [L 11 .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: [L 11 .A8](#)

Library Has: v.71-76 (1925-1928), v.78-86 (1929-1933), v.88-105 (1934-1942)
v.108-117 (1944-1948), v.119-153 (1949-1966), v.155-190 (1967-current)

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](#)

Library Has: v.1-9 (1962-1970) [microfilm], v.10 (1971),v.11-27 (1972-1988) [microfilm]
v.28 (1989), v.28-29 (1989-1990) [microfiche],v.30-42 (1991-current)

Internet Link: [Periodical \(EBSCOhost\) Full text available: 01 Feb 1975-](#)

Young Children

Call Number: [LB 1140 .A1 J6](#)

Library Has: v.25-30 (1969-1975),v.32-58 (1976-2003)

American Childhood

Call Number: [LB1141.A2 A3](#)

Library Has: v.12-13 (1926-1928)
v.15-16 (1929-1931), v.19 (1933/34), v.23-24 (1937-1939) v.27 (1941/42)
v.30-32 (1944-1947), v.34 (1948/49), v.41-43 (1955-1958)

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.)

Library Has: v.17-20 (1934-1938), v.24 (1941-1942), v.34 (1952-1953),v.38-56
(1956/57-1974/75), v.57 (1975/76) [microfilm], v.58-85 (1976/77-
current)

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)