FOCUS ON MATH, TECHNOLOGY AND ENGINEERING

The Library of Congress
Teaching with Primary Sources

The Library of Congress is not just for history teachers.

The Library’s Web site contains plenty of primary sources for the study of math, technology and engineering.

TEACHING WITH PRIMARY SOURCES

is a program of the Library of Congress, and is administered in Tennessee by the Center for Historic Preservation at Middle Tennessee State University.

TPS’s Mission:

• To promote and facilitate the use of the primary sources available at the Library of Congress Web site

• To help educators engage students in inquiry through the use of primary sources
www.loc.gov

The best place
to start searching
the Library of Congress Web site
is AMERICAN MEMORY.

Primary source collections in
American Memory
useful for teaching math:


(Also known as HABS/HAER/HALS)

* **Lesson Plan:**
  *Finding the Area and Volume of Buildings Using Architectural Drawings*

* **Map Collections**

* **Lesson Activity:**
  *Battle of Nashville, 1864*
Spalding
Base Ball Guides,
1889-1939

AND Baseball Cards, 1887-1914

Lesson Idea: Using Baseball Statistics to Teach Math

Primary source collections in American Memory useful for teaching technology and engineering:

The Alexander Graham Bell Family Papers at the Library of Congress, 1862-1939

Emile Berliner and the Birth of the Recording Industry

Inventing Entertainment: The Motion Pictures and Sound Recordings of the Edison Companies
The Wilbur and Orville Wright Papers at the Library of Congress

The Thomas Jefferson Papers, 1606-1827

Samuel F. B. Morse Papers at the Library of Congress, 1793-1919

Also, Words and Deeds in American History: Selected Documents Celebrating the Manuscript Division’s First 100 Years

Section: Science, Medicine, Exploration, and Invention

Lesson Activity: Punched Cards to IBM: Early Inventions and Technology

TO FIND THESE LESSON PLANS, ACTIVITIES, AND IDEAS:

• Visit the Teaching with Primary Sources Across Tennessee Website!
  www.mtsu.edu/tps

• Click on “Lesson Ideas & Units”
FIND MORE RESOURCES:

- Search *Today in History*
- Search *Prints & Photographs*
- Browse math-related features on the *Teachers Page*
- Browse by topic: *Science, Technology & Business*

SEARCH TERMS:

- mathematics
- arithmetic

Lesson activity: *Learning Decimals and Fractions with a 19th-century Currency Table*

SEARCH TERMS:

- computer
- diagram
- apparatus
- patent
- mechanics
- technology

SEARCH TERMS:

- almanac
- astronomy
- invention
- innovation
- algebra
- geometry

SEARCH TERMS:

- graph
- chart
- calculator
- equation

Try more search terms from the *Teachers Page.*
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