

# STEM RESOURCES AT LOC.GOV

SCIENCE TECHNOLOGY ENGINEERING MATHEMATICS

## PLACES TO START



## STEM SEARCH TERM SUGGESTIONS

Algebra	Discovery	Names of Inventions
Almanac	Ecology	Names of Scientists
Apparatus	Environment	NASA/Space
Arithmetic	Equation	Nature
Astronomy	Experiment	Ocean
Biology	Geology	Patent
Botany	Geometry	Physics
Calculator	Graph	Physics
Chart	Innovation	Plant(s)/Plant Names
Chemistry	Invention	Science
Computer	Laboratory	Technology
Conservative/	Mathematics	Weather
Conservation	Mechanics	*Also consider terms related to a subject's real-life applications.
Diagram	Medicine	

## STEM-RELATED COLLECTIONS

*Alexander Graham Bell Family Papers at the Library of Congress:* <http://www.loc.gov/collection/alexander-graham-bell-papers/about-this-collection/>

*America from the Great Depression to World War II: Photographs from the FSA and OWI, ca. 1935-1945:* <http://www.loc.gov/pictures/collection/fsac/>

*American Environmental Photographs, 1891-1936: Images from the University of Chicago Library:* <http://memory.loc.gov/ammem/collections/ecology/>

*Baseball Cards, 1887-1914:* <http://www.loc.gov/pictures/collection/bbc/>

*Built in America: Historic American Buildings Survey/Historic American Engineering Record/Historic American Landscapes Survey, 1933-Present:* <http://www.loc.gov/pictures/collection/hh/>

*Daguerreotypes:* <http://www.loc.gov/pictures/collection/dag/>

*Emile Berliner and the Birth of the Recording Industry:* <http://memory.loc.gov/ammem/berhtml/berhome.html>

*Finding Our Place in the Cosmos: From Galileo to Sagan and Beyond:* <http://www.loc.gov/collection/finding-our-place-in-the-cosmos-with-carl-sagan/about-this-collection/>

*Inside an American Factory: Films of the Westinghouse Works, 1904:* <http://www.loc.gov/collection/films-of-westinghouse-works-1904/about-this-collection/#overview>

*Entertainment: the Early Motion Pictures and Sound Recordings of the Edison Companies:* <http://www.loc.gov/collection/edison-company-motion-pictures-and-sound-recordings/about-this-collection/#overview>

*Map Collections:* <http://www.loc.gov/maps/collections/>

*Mapping the National Parks:* <http://www.loc.gov/collection/national-parks-maps/>

*Origins of American Animation:* <http://www.loc.gov/collection/origins-of-american-animation/about-this-collection/#overview>

*Reclaiming the Everglades: South Florida's Natural History 1884-1934:* <http://memory.loc.gov/ammem/collections/everglades/>

*Samuel F. B. Morse Papers at the Library of Congress, 1793-1919:* <http://www.loc.gov/collection/samuel-morse-papers/about-this-collection/>

*Spalding Base Ball Guides, 1889-1939:* <http://memory.loc.gov/ammem/collections/spalding/>

*The Evolution of the Conservation Movement, 1850-1920:* <http://memory.loc.gov/ammem/amrvhtml/conshome.html>

*The George Washington Papers at the Library of Congress, 1741-1799:* <http://memory.loc.gov/ammem/gwhtml/gwhome.html> ("School Copy Book")

*The Thomas Jefferson Papers at the Library of Congress:* [http://memory.loc.gov/ammem/collections/jefferson\\_papers/](http://memory.loc.gov/ammem/collections/jefferson_papers/)

*The Wilbur and Orville Wright Papers at the Library of Congress:* <http://www.loc.gov/collection/wilbur-and-orville-wright-papers/about-this-collection/>

*Words and Deeds in American History: Selected Documents Celebrating the Manuscript Division's First 100 Years:* <http://memory.loc.gov/ammem/mchtml/corhome.html>



## MORE PLACES TO BROWSE & SEARCH

*Browse by Topic:* [www.loc.gov/topics](http://www.loc.gov/topics)

*Today in History:* <http://memory.loc.gov/ammem/today/archive.html>

*Inside Adams: Science, Technology & Business Blog:* [http://blogs.loc.gov/inside\\_adams/](http://blogs.loc.gov/inside_adams/)

Images from the Library of Congress:  
Underwood & Underwood, publishers. "The most famous inventor of the age--Thos. A. Edison in his laboratory, East Orange, N.J., U.S.A." 1901. Prints and Photographs Division, Library of Congress. [http://www.americaslibrary.gov/aa/edison/aa\\_edison\\_subj\\_e.html](http://www.americaslibrary.gov/aa/edison/aa_edison_subj_e.html)  
Can you stop? - Speed and stopping distance - Iowa State Safety Council, Iowa Art Program, ca. between 1936 and 1940, <http://www.loc.gov/pictures/collection/wpapos/item/98510235/>  
"The San Francisco Call, July 20, 1913, Page 33, Image 53, <http://chroniclingamerica.loc.gov/lccn/sn85066387/1913-07-20/d-1/seq-53/>  
Langley Machine--Drawings and Blueprints, undated, The Wilbur and Orville Wright Papers [http://memory.loc.gov/cgi-bin/ampage?collid=meright&file=04/04151/mwright04151\\_db&recNum=8&itemLink=?ammem/wright:@field%28DDCID+@lit%28wright002763%29%29](http://memory.loc.gov/cgi-bin/ampage?collid=meright&file=04/04151/mwright04151_db&recNum=8&itemLink=?ammem/wright:@field%28DDCID+@lit%28wright002763%29%29)  
Thomas Jefferson's drawing of a macaroni machine and instructions for making pasta, ca. 1787. <http://memory.loc.gov/cgi-bin/ampage?collid=mcc&file=027/page.db&recNum=08&itemLink=?ammem/mcc:@field%28DDCID+@lit%28mcc/027%29%29>  
Washington, D.C.--central city, 1994, <http://www.loc.gov/item/97689507/>



# STEM Resources on the *Teacher Resources Page*

loc.gov/teachers



## THEMED RESOURCES

*Flight and Early Aviators*- Scientific evolution of flight from early inventors and aviators including Bell, the Wright brothers, Lindbergh and Earhart.

<http://www.loc.gov/teachers/classroommaterials/themes/flight>

*Geography and Maps*-U.S. history and change over time through maps and related historical materials (flight and geography).

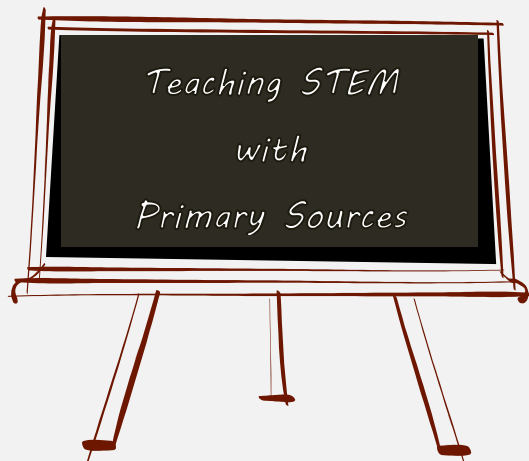
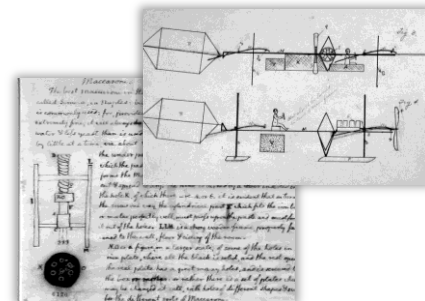
<http://www.loc.gov/teachers/classroommaterials/themes/geography>

*Nature and the Environment*- Human interactions with the environment including the American conservation movement, ecology, and the national parks system.

<http://www.loc.gov/teachers/classroommaterials/themes/nature>

*Science and Invention*- Inventors and innovations that shape how we live conveyed in images, films and primary source documents.

<http://www.loc.gov/teachers/classroommaterials/themes/science>



## LESSON PLANS

*America at the Centennial:*

<http://www.loc.gov/teachers/classroommaterials/lessons/centennial/>

*Around the World in 1896:* <http://www.loc.gov/teachers/classroommaterials/lessons/world/>

*The Conservation Movement at a Crossroads: The Hetch Hetchy Controversy:*

<http://www.loc.gov/teachers/classroommaterials/lessons/conservation/>

*The Evolution of the Book: Introducing Students to Visual Analysis:*

<http://www.loc.gov/teachers/classroommaterials/lessons/book/>

*Explorations in American Environmental History:*

<http://www.loc.gov/teachers/classroommaterials/lessons/explorations/>

*Geography and Its Impact on Colonial Life:*

<http://www.loc.gov/teachers/classroommaterials/lessons/tinker/>

*How Transportation Transformed America: Going to Market :*

<http://www.loc.gov/teachers/classroommaterials/lessons/market/>

*The Huexotzinco Codex:* <http://www.loc.gov/teachers/classroommaterials/lessons/codex/>

*Journeys West:* <http://www.loc.gov/teachers/classroommaterials/lessons/journeys/>

*Local History: Mapping My Spot:* <http://www.loc.gov/teachers/classroommaterials/lessons/mapping/>

*Natural Disasters: Nature's Fury:* <http://www.loc.gov/teachers/classroommaterials/lessons/nature/>

*The New England Fishing Industry: Sea Changes in a Community:* <http://www.loc.gov/teachers/classroommaterials/lessons/seachanges/>

*Marco Paul's Travels on the Erie Canal: An Educational Voyage:*

<http://www.loc.gov/teachers/classroommaterials/lessons/marco-paul/>

*Out of the Dust: Visions of Dust Bowl History:* <http://www.loc.gov/teachers/classroommaterials/lessons/dust/>

*Thomas Edison, Electricity, and America:* <http://www.loc.gov/teachers/classroommaterials/lessons/edison/>

*Exploring the Scientific Method: "Mr. Watson-Come Here-I want to see you.":*

[http://www.loc.gov/teachers/tps/quarterly/science/pdf/elementary\\_activity.pdf](http://www.loc.gov/teachers/tps/quarterly/science/pdf/elementary_activity.pdf)

*Scientific Inquiry: What Do Scientists and Inventors Think About?:*

[http://www.loc.gov/teachers/tps/quarterly/science/pdf/secondary\\_activity.pdf](http://www.loc.gov/teachers/tps/quarterly/science/pdf/secondary_activity.pdf)

TPS-Barat Math Activity Ideas: <http://primarysourcenus.org/2012/02/primary-sources-math-does-this-add-up/>

