

EdTech Connect –
“Media for Motivating Minds”
Master List of Resources
For Webinar, Jan.18

Museums

General Guide: There are museums online that offer amazing resources in image, information, and sometimes audio and video resources. Below is a list of museums with online components. In another document in this Kit Builder, is the list of museums with hotlinks and descriptions from the **ECHO Virtual Center** (see *R10-Museums(Wild Variety)*).

The Library of Congress

The Library of Congress is the mother of all museums online and has the added advantage of offering many resources in the public domain (but not *everything* on display online in the Library of Congress collections is public domain. They will let you know).

<http://www.loc.gov/> The Library of Congress. A great portal to image, video, and audio resources.

<http://www.loc.gov/rr/print/catalog.html> The online print catalogue

<http://lcweb2.loc.gov/pp/pphome.html> **PRINT HOME** The collection of prints (see next page)

<http://memory.loc.gov/ammem/film.html> - **VIDEO HOME** (see following pages)

<http://international.loc.gov/intldl/intldlhome.html> **World cultures & resources.** A deep resource for information about nearly any county and culture.

- <http://www.loc.gov/rr/international/portals.html> Links to every country for in depth information.
- <http://corc.oclc.org/WebZ/XPathfinderQuery?sessionid=0:term=4764:xid=LCP> search engines example of links to other authoritative sites.

<http://www.loc.gov/exhibits/> - **ONLINE MUSEUM EXHIBITS** (see following pages)

<http://www.loc.gov/exhibits/lewisandclark/lewisandclark.html> - examples

<http://www.loc.gov/exhibits/gadd/> - Gettysburg address, documents, photos

<http://www.loc.gov/rr/print/swann/craws/> - cartoons and caricatures

<http://memory.loc.gov/ammem/ccmphtml/index.html> - Coca-cola history, ads

<http://memory.loc.gov/ammem/videomore.html#chart> -- chart of video formats

<http://memory.loc.gov/ammem/amviewer.html#qt&mpgfilm> - general info.



Other Museum Sites Online (not Library of Congress)

<http://echo.gmu.edu/center/searchall.php?DBN=echo&TBL=directory&KWD=museum> A list of great museum sites. Example: The A-bomb museum with survivor audio <http://www.csi.ad.jp/ABOMB/>

<http://echo.gmu.edu/center/index.html> - The virtual center index for **Science and Technology**. See the listings below. Example:

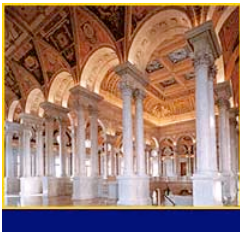
<http://echo.gmu.edu/center/searchall.php?DBN=echo&TBL=directory&KWD=invention> This invention subcategory yields a great Alexander Graham Bell site, including his original notebooks at

<http://jefferson.village.virginia.edu/~meg3c/id/AGB/index.html>



Following is a list of the museums listed online at the **ECHO Virtual Center**. An identical list with hotlinks is online at

<http://echo.gmu.edu/center/searchall.php?DBN=echo&TBL=directory&KWD=museum>



A-Bomb WWW Museum Various - Hiroshima City Academy of Natural Sciences Academy of Natural Sciences **American Computer Museum - American Museum of Photography**. "The Face of Slavery" presents ten photographs of African...[more] **American Museum of the Moving Image** American Widescreen Museum Martin **Apple II History** Baker-Cedarberg Museum and Archives Baker-Cedarberg Museum **British Lawnmower Museum** Centennial Exhibition -- Philadelphia 1876 Free Library **Central Pacific Railroad Photographic History Museum** Centre for the History of Science, Technology, and Medicine University of Manchester. **Athanasius Kircher: The World of a Seventeenth Century Jesuit (1602-1680)** Cybermuseum of Neurosurgery **DeWitt Stetten, Jr., Museum of Medical Research at the National Institutes of Health National Institute of Health** Dittrick Medical History Center Case Western University **EMuseum: BioAnthropology Exhibits Minnesota State University at Mankato -Exhibits on evolution, anatomy, primate..** Epact: Scientific Instruments of Medieval and Renaissance **Franklin Institute Online Franklin Institute - one of the nation's largest museums of science and technology**. Freeze Frame: Eadweard Muybridge's Photography of Motion **Freud Museum Freud Museum - London** Henry Ford Museum **Herschel Museum Bath Preservation Trust-celestial bodies** History of Biomedicine Karolinska Institutet - Sweden **History of Technology - oral history** Institute and Museum of History of Science Institute and Museum of History of Science (roughly 1500-1800),**LIGHT!/LICHT! Exhibition Van Gogh Museum and Carnegie Museum of Art** Lone Star Flight Museum Lone Star Flight Museum-QuickTime virtual tour of the famous World War II bomber **Medicines: The Inside Story** Museum and Institute of Zoology Polish Academy of Sciences **Museum of Broadcast Communications Lots of goodies**. Popular culture through sights and sounds of radio and TV Museum of Radio and Technology **Museum of the History of Science - National Inventors Hall of Fame National Museum of Health and Medicine National Museum of Health and Medicine** National Railway Museum- UK **Nikola Tesla Museum** Nobel e-Museum The Nobel Foundation **Oxford University Museum of Natural History Oxford University** Sigmund Freud Museum Sigmund Freud Museum - Vienna **Smithsonian National Air and Space Museum Smithsonian Institution** Swedish Museum of Natural History **Toaster Museum** History of Medicine **Whole Cloth: Discovering Science and Technology Through American Textile** Wright Brothers Aeroplane Company and Museum

<http://911digitalarchive.org/> - Archive of 911 images, voices, etc.

More Online Collections:

Exploring & Collecting History Online

Hot links at: <http://echo.gmu.edu/center/index.html>

Science & Technology - Space Shuttle Archive allows you to share your thoughts on the recent space shuttle tragedy and to read the recollections of others.

Record Your Memories Sites that gather first-hand accounts from people who were there.

Blackout History Project Recollections of the New York City blackouts of 1965 & 1977

Electric Vehicle History Online Archive

MouseSite Human-computer interaction pioneers at the Stanford Research Institute in the 1960s

Lighting the Way Recalling the history of electric lighting at the National Museum of American History

The GARP Atlantic Tropical Experiment The first major experiment (1974)

Atmospheric General Circulation Models Understanding weather patterns, from the '40s to '90s

The Clean Air Act A guide to clean air legislation past and present

Viruses From Structure to Biology The atomic structure and biological function of viruses

Digital Audio Recording The compact disk, DAT, and other advances in music technology

Eyewitness: Artificial Heart The development of cardiac replacement therapy

Greenland Ice Drilling Discovering past climate conditions by drilling through kilometers of ice

Boston Central Artery/Tunnel History Documents and recollections of the Big Dig

Solar Variability & Climate Change Changes in the sun and how they have affected the earth's climate.
Recent Neuroscience News, views, and oral history of neuroscience and associated fields
Automatic Speech Synthesis & Recognition Machines that mimic and understand the human voice
Eyewitness: Finite Element Method History of the advanced computations used in factories
Process Simulation Software The genesis of computer modeling of chemical processes
POP! Changes in Beverage Containers Cans and bottles over the decades
Microbiology Archival material on the history of plasmids, extremophiles, and antibiotics
Making PCR The polymerase chain reaction
Incorporating the WWW Virtual Library for the History of Science, Technology, & Medicine, established in 1994 (the original site can still be found here)
Earth Sciences Geology, Geophysics, Meteorology
Physical Sciences Physics, Chemistry, Mathematics...
Life Sciences Biology, Genetics, Zoology
Medicine/Behavioral Sciences Medicine, Diseases, Psychology...
Aviation/Space Exploration Aviation, Rockets, NASA...
Guide to the History of Science From the History of Science Society