It’s Free!!!!
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TECS Workshop
Bucks County Community College
June 2007
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Please check with your own district/school for policies on installation and utilization.

Free/Open Source, Web 2.0, Shareware, Public Domain

*The Free Software Foundation*

Free software is a matter of liberty not price.

The Free Software Foundation (FSF), established in 1985, is dedicated to promoting computer users' rights to use, study, copy, modify, and redistribute computer programs. The FSF promotes the development and use of free software, particularly the GNU operating system, used widely in its GNU/Linux variant. [http://www.fsf.org/](http://www.fsf.org/)

*Open Source Initiative*

Open source is a development method for software that harnesses the power of distributed peer review and transparency of process. The promise of open source is better quality, higher reliability, more flexibility, lower cost, and an end to predatory vendor lock-in.

The Open Source Initiative (OSI) is a non-profit corporation formed to educate about and advocate for the benefits of open source and to build bridges among different constituencies in the open-source community.

One of our most important activities is as a standards body, maintaining the Open Source Definition for the good of the community. The Open Source Initiative Approved License trademark and program creates a nexus of trust around which developers, users, corporations and governments can organize open-source cooperation. [http://www.opensource.org/](http://www.opensource.org/)

*Web 2.0*

Web 2.0, a phrase coined by O'Reilly Media in 2003[1] and popularized by the first Web 2.0 conference in 2004,[2] refers to a perceived second generation of web-based communities and hosted services — such as social-networking sites, wikis and folksonomies — which facilitate collaboration and sharing between users. O'Reilly Media titled a series of conferences around the phrase, and it has since become widely adopted. [http://en.wikipedia.org/wiki/Web_2](http://en.wikipedia.org/wiki/Web_2)
**Shareware/Public Domain**

(n.) Software distributed on the basis of an honor system. Most shareware is delivered free of charge, but the author usually requests that you pay a small fee if you like the program and use it regularly. By sending the small fee, you become registered with the producer so that you can receive service assistance and updates. You can copy shareware and pass it along to friends and colleagues, but they too are expected to pay a fee if they use the product.

Shareware is inexpensive because it is usually produced by a single programmer and is offered directly to customers. Thus, there are practically no packaging or advertising expenses.

Note that shareware differs from public-domain software in that shareware is copyrighted. This means that you cannot sell a shareware product as your own.

http://www.webopedia.com/TERM/s/shareware.html
Before You Download or Use Web 2.0 Apps

Research first, download second: Before you download or install a free application, hit your favorite search site and look up the product and vendor names. If there's no mention (other than at the publisher's own site), the program might not be widely used, and that could be a red flag. Trust your gut instinct if the software developer's site makes you leery; skip the download if you think there's a chance it's questionable.

Ask your neighbor (or an expert): On sites like www.download.com and www.nonags.com, you can consult editorial or user ratings and look at the number of downloads to determine whether the product has negative reports and whether it is popular. There are plenty of well-known, good programs, so don't take a risk, Catlett advises.

Watch the generics: Some scam artists choose product names (or register Web domains) similar to those of reputable applications to confuse downloaders. Make sure you're getting the product you want. Lesser-known programs that promise the world may be the handiwork of spammers and/or spyware makers. If you're not sure about a tool, search on Google to read what others have written about it before you download.

WebQuest

www.webquest.org

- Introduction
- Task
- Process
- Evaluation
- Conclusion
- Credits
- Teacher Page

Think-Pair-Share

Think-pair-share was first proposed by Lyman (1981). This is a relatively low-risk and short collaborative learning structure, and is ideally suited for instructors and students who are new to collaborative learning.
**Picasa**

Getting Started Guide and the Atomic Learning link to the Picasa2 tutorial.
A free software download from Google.
Picasa is software that helps you instantly find, edit and share all the pictures on your PC. Every time you open Picasa, it automatically locates all your pictures (even ones you forgot you had) and sorts them into visual albums organized by date with folder names you will recognize. Picasa also makes advanced editing simple by putting one-click fixes and powerful effects at your fingertips. Picasa also makes it a snap to share your pictures – you can email, print photos at home, and make gift CDs. And with the new Web Albums feature, you can upload your photos to the web with just one click. You can even download your friends’ photos directly back to Picasa on your own computer. It’s never been so easy to share photos online.

**Picasa Resizer 1.3**

**Google Earth**

Google Earth is a broadband, 3D application that not all computers can run. Desktop computers older than 4 years old may not be able to run it. Notebook computers older than 2 years old may not be able to run it. Fly over a 3D model of the globe
Search for hotels, dining, and more
Get directions and fly the route
Tilt, rotate for 3D terrain and buildings

**Google Docs and Spreadsheets**

Create, store and share documents and spreadsheets on the web.
Imagine a spreadsheet that's always current and that others can update from their own computers, even at the same time.
Get started quickly.
Import your existing spreadsheets or create new ones from scratch.
Edit your spreadsheets from anywhere.
All you need is a Web browser - your spreadsheets are stored securely online.
Share changes in real-time.
Invite people to your spreadsheets and make changes together, at the same time.
Microsoft Office Converters and Viewers


With the help of these converters and viewers from the Office Download Center, you can share your Microsoft Office files with people who have versions of Office programs different from your own, or even with people who don't have Office at all. Converters enable you to open files created by people using different versions of your Office programs. Find the appropriate converter for the version of the Office program on your computer.

Viewers enable people who don't have Office programs to see your work. Simply provide them with the appropriate viewer along with your files. To find the viewers and converters you need, simply select the program for the file you want to share.

Microsoft Office File Converter Pack
Microsoft Word
Microsoft PowerPoint
Microsoft Outlook
Microsoft Excel
Microsoft Access
Microsoft Visio

PhotoStory 3 for Windows

http://www.microsoft.com/windowsxp/using/digitalphotography/photostory/default.mspx

Capture memories
Create slideshows using your digital photos. With a single click, you can touch-up, crop, or rotate pictures. It's that easy!

Bring photos to life
Add stunning special effects, soundtracks, and your own voice narration to your photo stories. Then, personalize them with titles and captions.

Share your stories
Small file sizes make it easy to send your photo stories in an e-mail. Watch them on your TV, a computer, or a Windows Mobile–based portable device.

Windows Movie Maker 2.1
Windows Movie Maker 2.1 makes home movies amazingly fun. With Movie Maker 2.1, you can create, edit, and share your home movies right on your computer. Build your movie with a few simple drag-and-drops. Delete bad shots and include only the best scenes. Then share your movie via the Web, e-mail, or CD. Using third-party software you can even take movies you've made and turn them into DVDs. You can also save your movie back to the video tape in your camera to play back on a TV or on the camera itself.

Windows Defender

Windows Defender is a free program that helps protect your computer against pop-ups, slow performance, and security threats caused by spyware and other unwanted software. It features Real-Time Protection, a monitoring system that recommends actions against spyware when it's detected, and a new streamlined interface that minimizes interruptions and helps you stay productive.

Microsoft Robotics Studio

The Microsoft Robotics Studio is a Windows-based environment for academic, hobbyist and commercial developers to easily create robotics applications across a wide variety of hardware.

http://www.microsoft.com/windowsxp/downloads/updates/moviemaker2.mspx

http://www.microsoft.com/athome/security/spyware/software/default.mspx

Utilities

“5 minute Hybrid LearningTool” www.tltgroup.org

Primo PDF

http://www.primopdf.com/
FREE PDF Converter - not a trial version.
Print to PDF from virtually any application.
Create PDF output optimized for print, screen, ebook, or prepress.
No annoying pop-up ads, no registration requirement - no catch!

Audacity

http://audacity.sourceforge.net/
Audacity is a free, easy-to-use audio editor and recorder for Windows, Mac OS X, GNU/Linux, and other operating systems. You can use Audacity to:
Record live audio.
Convert tapes and records into digital recordings or CDs.
Edit MP3, and WAV sound files.
Cut, copy, splice, and mix sounds together.
Change the speed or pitch of a recording.
And more! See the complete list of features.
http://audacity.sourceforge.net/help/tutorials

StickyPad

http://www.greeneclipse.com/stickypad.html
StickyPad is an invaluable, easy-to-use tool that lets you place sticky notes on your desktop. You can type notes to yourself, set meeting and appointment reminders, keep track of a to-do list, and anything else you would do with paper notes. Your notes can be printed, pasted into other applications, or emailed to coworkers. You can even make notes translucent and have them float above your other windows, so you can see both notes translucent and have them float above your other windows, so you can see both your note and what you are working on. When you log off, StickyPad remembers all of your notes, and when you log back on, your notes are still there. Once you try it, you won’t want to work without StickyPad again.
**Smart FTP**

http://www.smartftp.com/

SmartFTP is an FTP (File Transfer Protocol) client which allows you to transfer files between your local computer and a server on the Internet. With its many basic and advanced features SmartFTP also offers secure, reliable and efficient transfers that make it a powerful tool.

**My Pictures 3D**

http://www.mypictures3d.com/

My Pictures 3D is a 2-in-1 package. The program lets you watch your favorite photos in a beautiful virtual 3D gallery. Besides, it can function as a screensaver. My Pictures 3D is the first product of a special line created to let you enjoy your favorite pictures in 3D.

**StoryBoard Pro**

http://www.atomiclearning.com/storyboardpro

Atomic Learning's FREE Video StoryBoard Pro is designed to give teachers, students, and home movie makers a tool to plan ahead when creating video projects. It features the ability to:

- Enter shot titles and descriptions, complete with planned lengths and edited order.
- Indicate shot types: video, still, audio, music, or titles.
- Enter film tips for your camera person when videotaping the shot and editing tips to be used when editing in iMovie, Movie Maker 2, Final Cut Pro, Premiere, or any other editor of your choice.
- Import existing video clips, still pictures, and sounds to better illustrate each shot.
- Create, save, and import templates for video projects.
- Print copies of your storyboard for use while filming or editing.
- Print blank storyboard worksheets for brainstorming new ideas.
**ieSpell - A Spell Checker for Internet Explorer**

http://www.iespell.com/

ieSpell is a free Internet Explorer browser extension that spell checks text input boxes on a webpage. It should come in particularly handy for users who do a lot of web-based text entry (e.g. web mails, forums, blogs, diaries). Even if your web application already includes spell checking functionality, you might still want to install this utility because it is definitely much faster than a server-side solution. Plus you get to store and use your personal word list across all your applications, instead of maintaining separate ones on each application.

The program installs as a new button in the IE toolbar (as well as a new menu item under "Tools") - after filling in a form, just hit the ieSpell button and it pops up a dialog, similar to the MS Word spell check.

**Xnview**

http://perso.orange.fr/pierre.g/xnview/enxnview.html

Come to discover XnView, a software to view and convert graphic files, really simple to use! Support of more than 400 graphics formats! It's free, so do not hesitate!

XnView (1.91/1.70) exists for Windows, MacOS X, Linux x86, Linux ppc, FreeBSD x86, OpenBSD x86, NetBSD x86, Solaris sparc, Solaris x86, Irix mips, HP-UX, AIX!

NConvert (4.79/4.51) exists for Windows, Linux x86, Linux ppc, FreeBSD x86, OpenBSD x86, NetBSD x86, Solaris sparc, Solaris x86, Irix mips, HP-UX, AIX, OS/2, Atari, BeOS x86, MacOS X et QNX!
Open Office (free office suite software)

www.OpenOffice.org
is a multiplatform and multilingual office suite and an open-source project. Compatible with all other major office suites, the product is free to download, use, and distribute. OpenOffice.org 2 Components: Base; Calc; Draw; Math; Impress; Writer

YouTube

a site that allows you to broadcast your videos free. This site has a lot of ads and may be something you would want to try personally and to test your own videos. http://www.youtube.com/

FireFox

The award-winning Web browser is now faster, more secure, and fully customizable to your online life. With Firefox 2, we’ve added powerful new features that make your online experience even better.
YouSendit

http://www.yousendit.com/
An FTP replacement.
GAMES/ACTIVE LEARNING

EclipseCrossword

is the fast, easy, free way to create crossword puzzles in minutes. It’s never been simpler—just give EclipseCrossword a list of words and clues, and it does the rest. In seconds, you'll have a crossword puzzle with just the words you want. Half a million people can’t be wrong. (Well, okay, they could, but that's just silly.)
http://www.eclipsecrossword.com/

Power Point Games

http://jc-schools.net/tutorials/PPT-games/

These games were created in PowerPoint. Download the templates and modify the games to fit your curriculum needs.
Jeopardy.ppt
Who Wants to be a Millionaire.ppt
Twenty Questions.ppt
Guess the Covered Word.ppt
Holiday Squares.ppt
Weakest Link.ppt
Educational Free Sites

*A Baker’s Dozen Sites “TOO GOOD to MISS”*

from a Maryland elementary tech integration teacher:

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Note: These sites were working on 6/26/07. I did not check every single link from each main site, but have used each of these sites in the past and found them extremely helpful in my role of integrating technology into existing curriculum in Baltimore County.

--Cathy Greenwood Cerveny  Maryland Teacher of the Year 1997, National Board Certified

*Some places to find free software you can depend on are:*

- http://www.onlythebestfreeware.com/
- http://www.freebyte.com/
- http://majorgeeks.com/
- http://www.google.com/educators/
- http://www.microsoft.com/education/default.mspx
- http://www.atomiclearning.com/
Annenberg Videos
http://www.learner.org/

Audio documentaries
www.soundportraits.org

Government websites for your field
Newspaper and magazine articles you can send to students, post in BB
Copy and paste the “print” version, email to self, and then post or send to students. This can be the basis for super application activities.

NPR
and other public radio shows can be great resource for short audio clips for use in or out of class. If you hear a show you think is useful as I often do, send link and use as basis for assignment or class enrichment.

Federal Resources for Excellence in Education
(see http://www.ed.gov/free) has added the following learning resources in arts, math, science, history and social studies to its Web site.

Arts

Leonard Bernstein: An American Life
a guide to an 11-part documentary illuminating the life and work of one of America's greatest classical musicians, Leonard Bernstein (1918-1990). An audio overview -- and Web sites for learning about Bernstein and classical music -- are provided. (National Endowment for the Humanities) See http://wfmt.com/bernstein/

Moldenhauer Archives
presents 130 music manuscripts, letters, and materials from a 3,500-item collection documenting the history of Western music from the medieval period through the modern era. Essays by musicologists discuss items from Bach, Beethoven, Brahms, Chopin, Handel, Liszt, Mozart, Schoenberg, Stravinsky, and other composers. (Library of Congress) See http://memory.loc.gov/ammem/collections/moldenhauer/

NEA Jazz in the Schools
traces the history of jazz from its birth in New Orleans to the swing era, bebop, and new frontiers. Five lessons include essays, videos, photos, and nearly 100 music clips of Scott Joplin, Jelly Roll Morton, Louie Armstrong, Fletcher Henderson, Duke Ellington, Count Basie, Charlie Parker, Bud Powell, Miles Davis, Charlie Mingus, Sonny Rollins, John
Coltrane, and others. Lessons include social and political context and are designed for history classes as well as music. (National Endowment for the Arts) See http://media.jalc.org/neahome.php

Math

*Calculus on the Web*

offers an interactive environment for learning, practicing, and experimenting with the ideas and techniques of calculus. It is organized in seven parts: Precalculus; Calculus I, II, and III; Linear Algebra; Number Theory; and Abstract Algebra. (National Science Foundation) See http://www.math.temple.edu/%7Ecow/

*Mathematics: Research Overview*

looks at topics of major research in mathematics: image creation, statistics, inverse problems, CPU testing, materials and nanotechnology, proteins, random graphs, prime numbers, optimization, design, financial mathematics, weather and climate simulation, rare events, and high-dimensional data sets. (National Science Foundation) See http://www.nsf.gov/news/overviews/mathematics/index.jsp

Science

*The Chemistry of Health*

tells how chemistry and biochemistry are increasing our understanding of human health. Learn how biochemical relays keep our organ systems operating, how food is broken down and used to build tissues and organs, and how tiny biological probes and instruments can track single molecules. Topics in the 60-page booklet include folic acid, sugars and fats, DNA, making medicines, harnessing biology’s magic, and more. (National Institutes of Health) See http://publications.nigms.nih.gov/chemhealth/

*Earth and Environmental Science: Research Overview*

examines questions that scientists are pursuing: What part do we play in earth's changing climate? What can rock layers tell us about earth's history? How can we understand the forces that lead to earthquakes and volcanoes? How can organisms live without sunlight? How do long-term changes affect earth's ecosystems? (National Science Foundation) See http://www.nsf.gov/news/overviews/earth-environ/index.jsp

*Exploring the Environment*

features 25 online modules that put students in problem-based learning scenarios. In one module, students predict the impact of increased carbon dioxide on the wheat yield in Kansas. In another, they predict weather 48 hours in advance. Topics include coral reefs, climate change, the Everglades, mountain gorillas, rainforests, volcanoes, water quality, and ozone depletion. (National Aeronautics and Space Administration) See http://www.cet.edu/products/ete/overview.html
**Inside the Cell**
takes students on a close-up tour of the processes occurring in our bodies. Learn about the cell's brain and skeleton, cellular rush hour, and the death of a cell. Find out about lysosomes (cell recycling centers and garbage trucks) and mitochondria (cell power plants). Read about cutting-edge cell biology research and techniques, which are featured in the 80-page booklet. (National Institutes of Health) See [http://publications.nigms.nih.gov/insidethecell/](http://publications.nigms.nih.gov/insidethecell/)

**NASA Connect: Sun-Earth Day**
features teacher guides and other resources for studying sun-earth connections and celebrating Sun-Earth Day. In "Ancient Observatories," students measure the movement of the sun and find solar noon. In "Venus Transit," students learn about scale models and the "astronomical unit," which is used to determine distances from the earth to other planets and stars. In "Dancing in the Night Sky," students learn about the Aurora Borealis, or Northern Lights. (National Aeronautics and Space Administration) See [http://sunearthday.nasa.gov/2006/events/broadcasts.php](http://sunearthday.nasa.gov/2006/events/broadcasts.php)

**Path of Totality: Measuring Angular Size and Distance**
examines the natural phenomena that create a total eclipse. NASA scientists and engineers introduce a satellite used to make artificial eclipses in order to learn about the sun's corona. Students measure the angular size and predict the angular distance of objects in the sky. (National Aeronautics and Space Administration) See [http://connect.larc.nasa.gov/programs/2005-2006/path_of_totality/](http://connect.larc.nasa.gov/programs/2005-2006/path_of_totality/)

**Physics Education Technology (PhET)**
produces fun, interactive simulations of physical phenomena. More than 35 simulations let students experiment with circuits, string tension, kinetic and potential energy, radio waves and electromagnetic fields, balloons and static electricity, ideal gas and buoyancy, velocity and acceleration, sound waves and the Doppler Effect, and more. (National Science Foundation) See [http://www.colorado.edu/physics/phet/](http://www.colorado.edu/physics/phet/)

**Physics to Go**
is a collection of reviewed resources for teaching and learning about astronomy, electricity and magnetism, fluids, light, modern physics, motion and energy, quantum physics, and waves and pendula. (National Science Foundation) See [http://www.compadre.org/informal/index.cfm](http://www.compadre.org/informal/index.cfm)

**The Structures of Life**
takes us into the world of "structural biology" -- a branch of molecular biology that focuses on the shape of nucleic acids and proteins (the molecules that do most of the work in our bodies). Learn about the structures and roles of proteins, tools used to study protein shapes, how proteins are used in designing new medications (for AIDS and arthritis), and what structural biology reveals about all life processes. Find out about
careers in biomedical research. (National Institutes of Health) See http://publications.nigms.nih.gov/structlife/

**Sun-Earth Day**
is a series of programs and events throughout the year that culminates with a celebration of the spring equinox. "Eclipse: In a Different Light," this year's theme, shows how eclipses have inspired people to study the sun-earth-moon system. Join this journey of exploration and discovery in preparation for a total solar eclipse. (National Aeronautics and Space Administration) See http://sunearthday.nasa.gov/

**Teach the Earth**
offers hundreds of teaching activities, visualizations, and resources for teaching earth science. Categories include biosphere, climate change, energy/material cycles, geology and human health, geochemistry, hydrosphere and cryosphere, mineralogy, ocean systems, petrology, solar system, and earth history. Special sections are provided on using data and teaching quantitative skills. (National Science Foundation) See http://serc.carleton.edu/index.html

**Water on the Web**
offers water science units and tools that help students understand and solve real environmental problems using advanced technology. Learn about aquatic ecology, water quality, and watersheds. See maps, summaries, and information on lakes and rivers nationwide. Use data visualization tools to watch data change through time and explore relationships among variables. (National Science Foundation) See http://waterontheweb.org/

**History**

**Bound for Glory: America in Color**
is the first major exhibit of 70 color prints (1939-1943) showing the effects of the Depression on people in rural America and small towns, the nation's subsequent economic recovery, and the mobilization for World War II. (Library of Congress) See http://www.loc.gov/exhibits/boundforglory/

**The Development of the Industrial United States**
(1870-1900) offers documents and images for learning about Bell's patent for the telephone, Edison's patent for the electric lamp, Glidden's patent application for barbed wire, the Homestead Act of 1862, maps of Indian Territory, child labor, and the Chinese Boycott Case. (National Archives and Records Administration) See http://www.archives.gov/education/lessons/industrial-us.html

**The Emergence of Modern America**
(1890-1930) features the 1897 petition against the annexation of Hawaii, political cartoons on progressivism and the 1912 election, woman suffrage and the 19th Amendment, the Zimmermann telegram (1917), photos of the 369th Infantry, posters from the Food Administration during World War I, the Volstead Act and prohibition documents, and the unfinished Lincoln Memorial. (National Archives and Records Administration) See http://www.archives.gov/education/lessons/modern-america.html

**Great Depression: Dust Bowl Migration**
includes photos, a teachers guide, and other resources for learning about the largest migration in American history. This migration occurred in the 1930s when poor soil conservation practices and extreme weather in the Great Plains exacerbated the existing misery of the Great Depression. (Library of Congress) See http://memory.loc.gov/learn/community/cc_greatdepression_kit.php

**Hotchkiss Map Collection: Confederate Army Maps**
contains maps made by Major Jedediah Hotchkiss (1828-1899), a topographic engineer in the Confederate Army. Hotchkiss created detailed battle maps of the Shenandoah Valley; some were used by Generals Lee and Jackson. The collection includes maps from post-war years -- maps with information about railroads, minerals and mining, geology and history (mostly of Virginia and West Virginia). (Library of Congress) See http://memory.loc.gov.ammem/collections/maps/hotchkiss/

**Idea of America Essay Contest**
invites high school juniors to write an essay examining the historical debate over the benefits and disadvantages of adopting the First Amendment. While its words are familiar, the rights it guarantees -- involving religion, speech, free press, public assembly, and petition -- were modified many times in the First Congress (1789). Essays must be received by April 19, 2006. The best essay will receive $5,000. Three runners-up will each receive $1,000. (National Endowment for the Humanities) See http://www.wethepeople.gov/essay/index.html

**Smithsonian Source: Colonial America**
offers primary sources and tools for using them in the classroom. Watch an anthropologist examine skeletons for clues to daily life in Jamestown. Find lessons on the Boston Massacre, Stamp Act, patriot women, Pocahontas, and money. Use questions -- built around primary documents -- to explore the clashing views of revolutionary colonists and loyalist colonists. Examine the political, religious, economic, and social reasons for the Revolution. (Smithsonian Institute) See http://www.smithsoniansource.org/display/topic/viewdetailshis.aspx?TopicId=1004

**Texas Beyond History**
is a virtual museum of online exhibits, lessons, and interactive learning that covers 13,500 years of human history in Texas, from Clovis hunters to 20th century cotton
farmers. Explore archeological sites and historic landmarks. See rare photos, maps, artifacts, and reconstructed scenes of the past -- more than 6,000 images. (National Endowment for the Humanities) See http://www.texasbeyondhistory.net

**World War II Military Situation Maps,**

1944-1945 contains maps showing troop positions beginning on June 6, 1944, to July 26, 1945. Starting with the D-Day Invasion, the maps give daily details on the military campaigns in Western Europe, showing the progress of the Allied Forces as they push towards Germany. Some of these 416 maps and 115 reports were used by U.S. commanders. (Library of Congress) See http://memory.loc.gov/ammem/collections/maps/wwii/

**History/Social Studies**

**Ancient World Mapping Center**

promotes cartography, historical geography, and geographical information science within the field of ancient studies. The Center is developing a community of scholars, teachers, and specialists to collaborate in the updating and expansion of the spatial and historical reference information assembled by the Classical Atlas Project. The Center also offers free digital maps of the ancient world for educational use. For most maps, a blank version suitable for quizzes and customization is provided. (National Endowment for the Humanities) See http://www.unc.edu/awmc/index.html

**Islamic Manuscripts from Mali**

showcases 22 manuscripts from Timbuktu and the surrounding regions of Mali and West Africa, enabling students to understand the rich culture and society of the region. Especially noteworthy are the extensive collections of photos showing the domestic architecture, the characteristics of Islamic manuscripts, and an array of interactive maps made in Europe beginning in the 16th century. (Library of Congress) See http://international.loc.gov/intldl/malihtml/malihome.html

**MyMoney.gov**

is the U.S. government's Web site for teaching all Americans the basics about financial education. Whether you're buying a home, balancing your checkbook, or investing in your 401k, MyMoney.gov can help you do it better. Find important information from 20 federal agencies. See if you have "financial smarts": take the MyMoney interactive quiz. Read the national strategy for financial literacy. (Multiple Agencies) See http://www.mymoney.gov/

**Revising Himself: Walt Whitman and Leaves of Grass**

is a virtual tour of Whitman's life tracing the 40-year history of his famous masterpiece, from when it was first published (1855) to the ninth and final edition (1892). Depicted
are selected manuscript drafts, notes for poems, information on his changing career paths, first-hand correspondence, and treasures from friends and family. The site helps show how Whitman's vision of America influenced the course of American literature. (Library of Congress) See http://www.loc.gov/exhibits/treasures/whitman-home.html

Social Studies

Money Math: Lessons for Life
is a teacher's guide for helping middle school math students learn how to manage their money, stay out of debt, and save for retirement. Lesson plans, reproducible activity pages, and teaching tips are included in the 86-page guide, which draws on real-life examples from personal finance. (Department of the Treasury)
http://www.publicdebt.treas.gov/mar/marnoneymath.htm

U.S. Securities and Exchange Commission: Teachers and Students
offers tips, fact sheets, and online tools for learning about the basics of saving and investing, helping students understand the importance of planning for their financial future, and identifying questions to ask about our investments. Learn about mutual funds. Try the online retirement calculator. Take an online quiz to "test your money smarts." (Securities and Exchange Commission) See http://www.sec.gov/investor/teachers.shtml

ALICE
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Alice v2.0 is the next major version of the Alice 3D Authoring system, from the Stage3 Research Group at Carnegie Mellon University. It has been completely rewritten from scratch over the past few years.

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