

# Internet Resources

## *for Children & Teens*

By Blythe Bennett

Here teachers, parents, and students in grades 3-12 will find some of the best educational Web sites for use during the 2002/2003 school year and beyond. Each annual *ERIC Web Links*, published every September, describes and links to over 50 additional sites, covering not only the core curriculum of math, science, language arts, and history/social studies, but also art, health, music, and more. Last school year the *Scout Report* recommended *ERIC Web Links 2001/2002: Internet Resources for Children*, hundreds of schools and public libraries linked to it from their own Web sites, and tens of thousands of teachers, parents, and students from across the country used it.

*ERIC Web Links* are available at [www.ericit.org](http://www.ericit.org) in both an html version, with links, and a pdf version for ease in printing and photocopying. All ERIC publications are in the public domain and may be freely reproduced and disseminated.

### Art

- ▶ National Museum of African Art  
Exhibits house collections of paintings, currency, masks, ceramics, everyday household objects, and furniture.  
[www.si.edu/nmafa](http://www.si.edu/nmafa)
- ▶ Art Safari  
An interactive adventure for analyzing and writing about famous works of art.  
[artsafari.moma.org](http://artsafari.moma.org)

### Health

- ▶ The Pizza Explorer  
Food chemistry, food processing, nutrition, and health benefits of pizza's ingredients.  
[www.efph.purdue.edu/pizza](http://www.efph.purdue.edu/pizza)
- ▶ TEAM Nutrition  
Learn to make healthy food and physical activity choices, including healthy eating at school, plus nutrition-related activities for the whole family.  
[www.fns.usda.gov/tn](http://www.fns.usda.gov/tn)
- ▶ USDA Nutrient Database for Standard Reference  
Contains data for over 6,200 foods and 82 nutrients such as minerals, vitamins, lipids, and amino acids.  
[www.nal.usda.gov/fnic/foodcomp/Data](http://www.nal.usda.gov/fnic/foodcomp/Data)
- ▶ National Clearinghouse for Alcohol and Drug Information  
World's largest resource for current information and materials concerning substance abuse.  
[www.health.org/features/kidsarea/kidsarea.htm](http://www.health.org/features/kidsarea/kidsarea.htm)
- ▶ National Institute of Mental Health: Child and Adolescent Mental Health  
Provides information on mental illnesses in children, mild to severe, including learning disabilities, clinical depression, eating disorders, autism, and suicide.  
[www.nimh.nih.gov/publicat/childmenu.cfm](http://www.nimh.nih.gov/publicat/childmenu.cfm)

- ▶ Atlas of the Body  
Everyday health information for everyone. Illustrations of the nervous, circulatory, digestive, endocrine, reproductive, skeletal, muscular, lymphatic, respiratory, and urinary systems.  
[www.ama-assn.org/ama/pub/category/7140.html](http://www.ama-assn.org/ama/pub/category/7140.html)

### History/Social Studies

- ▶ Perseus Project  
Provides an atlas, encyclopedia, dictionaries, and introductory essays on ancient Greek and Roman life.  
[www.perseus.tufts.edu](http://www.perseus.tufts.edu)
- ▶ Ben's Guide to U.S. Government for Kids  
Information about the United States government, including government symbols, three branches of the government, and a glossary.  
[bensguide.gpo.gov](http://bensguide.gpo.gov)
- ▶ Statistical Abstract of the United States  
A collection of statistics on social, political, and economic conditions in the U.S.  
[www.census.gov/prod/www/statistical-abstract-us.html](http://www.census.gov/prod/www/statistical-abstract-us.html)
- ▶ U.S. Census Bureau--Kids' Corner  
Teaches about the census, facts about the states, and why it is important to participate in the census.  
[factfinder.census.gov/home/en/kids/kids.html](http://factfinder.census.gov/home/en/kids/kids.html)

## History/Social Studies cont.

- ▶ **We Shall Overcome: Historic Places of the Civil Rights Movement**  
An itinerary of 49 historic places of the civil rights movement from the National Park Service.  
[www.cr.nps.gov/nr/travel/civilrights](http://www.cr.nps.gov/nr/travel/civilrights)
- ▶ **Explore Your Family History at Ellis Island**  
Search the database of millions of immigrant arrival records and view a timeline of major immigration events.  
[www.ellislandrecords.org](http://www.ellislandrecords.org)
- ▶ **Go West Across America with Lewis & Clark**  
An interactive, choose-your-own-adventure style of story traveling with Lewis, Clark and their crew in 1804.  
[www.nationalgeographic.com/west/main.html](http://www.nationalgeographic.com/west/main.html)
- ▶ **MapMachine**  
Provides an atlas, maps, flags, facts and a tutorial on cartography.  
[www.nationalgeographic.com/maps](http://www.nationalgeographic.com/maps)
- ▶ **America's Library**  
A timeline from the colonial period to modern time, as well as information about each state from the Library of Congress.  
[www.americaslibrary.gov/cgi-bin/page.cgi](http://www.americaslibrary.gov/cgi-bin/page.cgi)
- ▶ **Avalon Project**  
Primary source materials in the fields of law, history, economics, politics, diplomacy and government.  
[www.yale.edu/lawweb/avalon/avalon.htm](http://www.yale.edu/lawweb/avalon/avalon.htm)
- ▶ **Biography of America**  
Topics ranging from New World Encounters to Contemporary U.S. History.  
[www.learner.org/biographyofamerica](http://www.learner.org/biographyofamerica)
- ▶ **Camp Life: Civil War Collections from Gettysburg**  
Highlights the common, everyday items that Civil War soldiers used off the battleground.  
[www.cr.nps.gov/museum/exhibits/gettex/live1.htm](http://www.cr.nps.gov/museum/exhibits/gettex/live1.htm)

- ▶ **Learning Resources from Colonial Williamsburg**  
Virtual trips address slavery, courts, and transportation during the colonial era.  
[www.history.org/teach](http://www.history.org/teach)
- ▶ **The National Women's Hall of Fame**  
Read biographies of famous American women and learn about women's suffrage and women's rights.  
[www.greatwomen.org](http://www.greatwomen.org)
- ▶ **Ancient Egypt from the British Museum**  
Explore Ancient Egyptian life, gods and goddesses, mummification, pyramids, trade, temples and writing.  
[www.ancientegypt.co.uk/menu.html](http://www.ancientegypt.co.uk/menu.html)
- ▶ **Infonation**  
Up-to-date statistical information for each country in the United Nations.  
[www.un.org/Pubs/CyberSchoolBus/infonation/e\\_infonation.htm](http://www.un.org/Pubs/CyberSchoolBus/infonation/e_infonation.htm)
- ▶ **The Middle Ages**  
Explains feudal life, religion, homes, clothing, health, arts and entertainment, and town life.  
[www.learner.org/exhibits/middleages](http://www.learner.org/exhibits/middleages)
- ▶ **United States Holocaust Museum**  
Online exhibitions, educational materials and resources on Holocaust issues.  
[www.ushmm.org](http://www.ushmm.org)

## Language Arts

- ▶ **BookHive**  
A guide to children's books for PreK through 12 years, with hundreds of book reviews in different reading levels and interest areas.  
[www.bookhive.org](http://www.bookhive.org)
- ▶ **Scripps Howard National Spelling Bee**  
Explore word elements and learn various ways to study and practice spelling.  
[www.spellingbee.com](http://www.spellingbee.com)

- ▶ **Traditional Grammar: An Interactive Book**  
An introduction to the basic syntactic structure of Modern English and the most common errors in formal writing.  
[www.niu.edu/english/deh/grammarbook/title.html](http://www.niu.edu/english/deh/grammarbook/title.html)
- ▶ **Big Dog's Guide to Grammar: A Bare Bones Guide to English**  
An advanced grammar site for older students, a quick guide to the MLA guidelines for proper citations, and information on how to avoid plagiarism.  
[aliscot.com/bigdog](http://aliscot.com/bigdog)
- ▶ **The Building Blocks of Language**  
Introduces the eight parts of speech, with clear definitions and examples.  
[www.learn.co.uk/default.asp?WCI=Unit&WCU=415](http://www.learn.co.uk/default.asp?WCI=Unit&WCU=415)
- ▶ **Online Writing Lab (OWL) from Perdue University**  
Over one hundred "handouts" on topics related to the writing process.  
[owl.english.purdue.edu](http://owl.english.purdue.edu)
- ▶ **HandSpeak!**  
A visual sign language dictionary of keywords and short video files that demonstrate the movement of each sign.  
[www.handspeak.com](http://www.handspeak.com)
- ▶ **Verbix**  
Conjugate regular and irregular verbs in modern and extinct languages in all tenses.  
[www.verbix.com](http://www.verbix.com)
- ▶ **Braille Bug**  
Designed to teach sighted children about Braille.  
[www.afb.org/braillebug](http://www.afb.org/braillebug)

## Math

- ▶ **Maths Thesaurus**  
Over 4000 definitions of mathematical concepts, with cross-references.  
[thesaurus.maths.org](http://thesaurus.maths.org)
- ▶ **Figure This! Math Challenges for Families**  
Math's everyday applications related to health, transportation, and food.  
[www.figurethis.org](http://www.figurethis.org)

## Math cont.

- ▶ **Math in Daily Life**  
Introduces students to the multiple applications of math in everyday life including cooking, finance, and population growth.  
[www.learner.org/exhibits/dailymath](http://www.learner.org/exhibits/dailymath)
- ▶ **Powers of Ten**  
A visual journey of 42 powers of ten, from as large as the universe to quarks within a proton.  
[www.wordwizz.com/pwrsof10.htm](http://www.wordwizz.com/pwrsof10.htm)
- ▶ **Zillions--Consumer Reports for Kids**  
Consumer math and consumer education including allowance, savings, and spending habits.  
[www.zillions.org](http://www.zillions.org)
- ▶ **Convert It!**  
Common units of length, volume, and area as well as less familiar energy/work, pressure, and power units.  
[www.microimg.com/science](http://www.microimg.com/science)
- ▶ **MathWorld**  
Interactive mathematics encyclopedia and recreational mathematics topics.  
[mathworld.wolfram.com](http://mathworld.wolfram.com)
- ▶ **Aunty Math**  
Challenging math problems in story form for K-3 students.  
[www.auntymath.com](http://www.auntymath.com)
- ▶ **Math Stories**  
Applies math skills to hundreds of word problems and encourages critical thinking skills.  
[www.mathstories.com](http://www.mathstories.com)
- ▶ **Purple Math**  
Algebra modules on over fifty topics; includes math homework guidelines.  
[www.purplemath.com/index.htm](http://www.purplemath.com/index.htm)

## Media/Information Literacy

- ▶ **TILT Texas Information Literacy Tutorial**  
A tutorial focusing on fundamental research skills and information literacy skills.  
[tilt.lib.utsystem.edu](http://tilt.lib.utsystem.edu)

- ▶ **Graphic Organizers**  
Provides guidance in using different types of graphic organizers: webs, concept maps, matrices, and flow charts for various purposes.  
[www.graphic.org](http://www.graphic.org)
- ▶ **KidsClick Worlds of Searching**  
Provides help in learning to navigate the Web in an efficient way.  
[www.worldsofsearching.org](http://www.worldsofsearching.org)

## Music

- ▶ **Essentials of Music**  
A basic education in classical music, providing a glossary of musical terms, biographies, and audio clips.  
[www.essentialsofmusic.com](http://www.essentialsofmusic.com)
- ▶ **Lift Every Voice: Music in American Life**  
Ballads, hymns, spirituals, patriotic odes, minstrels, musicals, and protest songs that reflect music in American life.  
[www.lib.virginia.edu/speccol/exhibits/music](http://www.lib.virginia.edu/speccol/exhibits/music)
- ▶ **Melbourne Symphony Encounter -- From Silence to Symphony**  
Provides a visual and aural stimulus to assist in exploring the various facets of a symphony orchestra.  
[www.mso.com.au/edu/front.html](http://www.mso.com.au/edu/front.html)

## Science

- ▶ **Animal Diversity Web**  
An online database of animal natural history, distribution, classification, and conservation biology.  
[animaldiversity.ummz.umich.edu](http://animaldiversity.ummz.umich.edu)
- ▶ **Froguts**  
A virtual frog dissection allows students to make "incisions" and investigate the frog's circulatory, respiratory, digestive, skeletal, nervous, and other systems.  
[www.froguts.com](http://www.froguts.com)
- ▶ **Monterey Bay Aquarium**  
Explore kelp forest, reefs, estuaries, rocky shores and open water habitats.  
[www.mbayaq.org](http://www.mbayaq.org)

- ▶ **Dig This! The Cretaceous Period**  
Explore the earth, seas and air, and creatures from the Cretaceous period.  
[www.museevirtuel.ca/Exhibitions/Dinos/English/home/home.html](http://www.museevirtuel.ca/Exhibitions/Dinos/English/home/home.html)
- ▶ **Museum of Paleontology**  
The Geologic Time Machine highlights dinosaurs, plants, animals, and other prehistoric organisms.  
[www.ucmp.berkeley.edu](http://www.ucmp.berkeley.edu)
- ▶ **My Body**  
Covers major body systems, including digestive, muscular, respiratory, and skeletal.  
[kidshealth.org/kid/body/mybody.html](http://kidshealth.org/kid/body/mybody.html)
- ▶ **DNA: The Instruction Manual for All Life**  
Provides an interactive exhibit about DNA and the implications of genetic engineering.  
[www.thetech.org/exhibits\\_events/online/genome](http://www.thetech.org/exhibits_events/online/genome)



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