

ACADEMIC AREAS WEBSITES

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LANGUAGE ARTS, WRITING WEBSITES

The Internet is an incredible resource for teachers and for students. From handouts to interactive games for students, the Internet can provide opportunities for students to build their writing skills and to master the fine points of grammar. It is recommended that teachers review each site to determine whether or not the site meets the needs of the particular learning environment. Please note that some Language Arts, Writing sites are intended specifically for teachers to refresh their own skills or to obtain handouts that can be used as practice activities in the classroom.

All websites reviewed October 2008.

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| ABCs of the Writing Process | This site shows the five basic steps in the writing process: prewriting, writing, revising, editing, and publishing. | http://www.angelfire.com/wi/writingprocess |
| Authentic Assessment Toolbox | This extensive site was developed by Jonathan Mueller. The site provides materials on how to use authentic tasks and/or assessments in the classroom. | http://jonathan.mueller.faculty.noctrl.edu/toolbook/howdoyoudoit.htm |
| Brief Guide to Business Writing | This online text developed by the University of Iowa provides easy to read and understand information on commonly used and accepted guidelines for business writing. | http://www.biz.uiowa.edu/faculty/kbrown/writing.html |
| Common Errors in English | This site provides information on hundreds of common errors found in writing, as well as focusing on the misuse of words. | www.wsu.edu/~brians/errors/index.html |
| EdHelper.Com | Downloadable graphic organizers are available free from this site. | http://www.edhelper.com/teachers/graphic_organizers.htm? |
| eMints National Center | A collaborative effort between the Missouri Department of Elementary and Secondary Education and University of Missouri System Office of Academic Affairs, this site is designed to provide teachers and students with professional development and support from | http://www.emints.org/ethemes/resources/S00000646.shtml?prnfriendly http://www.emints.org/ethemes/resources/S00000357.shtml |

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| | certified instructional specialist. It includes a wide range of writing resources for teachers. | |
| Freeology.Com | The Teacher's Freebie Directory provides downloadable graphic organizers and hundreds of writing prompts. | http://www.freeology.com/graphicorgs/ |
| Grammar Bytes | An interactive site for the basics of grammar, games change periodically. | http://www.chompchomp.com/ |
| Grammar Slammer | This website acts as a resource guide for all things related to grammar and includes rules and examples for all areas. | http://englishplus.com/grammar/gsdeluxe.htm |
| GED Testing Service | The GED Testing Service website provides examples of questions on the Language Arts, Writing portion of the GED plus information on the GED Tests. | http://www.gedtest.org |
| Graphic.Org | Wide variety of graphic organizers with information about their use. | http://www.graphic.org/goindex.html |
| Guide to Grammar and Writing | Professor Charles Darling at Capital Community College has created this incredible resource on grammar and writing. The site provides information at the word and sentence, paragraph, and essay level. | http://grammar.ccc.commnet.edu/grammar/ http://webster.commnet.edu/grammar/index.htm |
| Hacker Handbook | This interactive resource includes a series of quizzes to test student's knowledge in all areas of grammar. These exercises were developed by Dianne Hacker at Prince George's Community College in Maryland. Note: Shockwave is required to complete the exercises. | http://www.bedfordstmartins.com/hacker/exercises/ |
| Hard Spell | This interactive spelling game includes hundreds of words and never uses the same list twice. It is challenging, but excellent for | http://www.bbc.co.uk/hardspell/hardspell_game.shtml |

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| | helping students with more difficult words. In Game 1 you must find the word that is spelled correctly. In Game 2, you find the incorrectly spelled word and correct it. | |
| High School Ace | A list of different language arts websites is provided, including commonly confused words, grammar and vocabulary lessons, and poetry. | http://highschoolace.com/ace/ace.cfm |
| Northwest Regional Educational Laboratory | Look at the Six-Trait Analytical Assessment Model developed for evaluating writing. The six traits include ideas, organization, voice, word choice, sentence fluency, and conventions. (The Presentations Trait has recently been added to make it 6+1 traits.) This site provides a wealth of information about the six traits, including lesson ideas and downloadable handouts. | http://www.nwrel.org/assessment/ |
| Online Technical Writing: Online Textbook | This book was developed to provide users with basic technical writing skills which can help students improve their writing in class as well as in the workplace. | http://www.io.com/~hcexres/textbook/ |
| Paradigm Online Writing | This is a comprehensive online textbook covering all aspects of the writing process. | http://www.powa.org/ |
| Purdue University's OWL | One of the most extensive collections of advice about writing found on the web. About half of the more than 75 handouts address punctuation and grammatical issues and include exercises for the user. Others focus on style and reference formats and give advice about the writing process itself. | http://owl.english.purdue.edu/ |
| RAFTS Northern Nevada Writing | The project includes print materials that may | http://www.unr.edu/educ/nnwp/index.html |

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| Project | be purchased, as well as access to RAFTS prompts that can be generated electronically. | |
| Region 15 Graphic Organizers | A wide range of downloadable graphic organizers (available in English and Spanish) are available on this site. Many organizers have multiple variations. | http://www.region15.org/curriculum/graphicorg.html |
| Rubric Bank | This site was established by Chicago Public Schools and includes rubrics for all subject areas. Teachers may access the rubrics as pdf files and may adapt them as needed. | http://intranet.cps.k12.il.us/Assessments/Ideas_and_Rubrics/Rubric_Bank/WritingRubrics.pdf |
| Spelling City | After taking the online spelling test, students can print out a report, retake the entire test, or retest. Site provides games, printable worksheets, and activities to stimulate memory for visual and verbal learners. | http://www.spellingcity.com/ |
| Spell Check at Funbrain | This site provides two levels of difficulty. Excellent resource for students who have problems with spelling. | http://www.funbrain.com/spell/index.html |
| Teaching Writing in Middle and High Schools | From the Northwest Regional Educational Laboratories, Strategies and activities are provided that can be used in the classroom. | http://www.nwrel.org/request/2004dec/principles.html |
| The Elements of Style | An easy-to-understand guide to correct grammar. This online version contains the complete original text. It is filled with tips on how to write clearly and correctly and how to avoid the most common grammatical errors. | http://www.bartleby.com/141/index.html |
| The Internet Grammar Guide | An online course in English grammar written primarily for university undergraduates. However, this guide is useful to anyone who is interested in the English language. | http://www.ucl.ac.uk/internet-grammar/ |

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| The National Commission on Writing in America's Schools and Colleges | This site includes research reports developed to focus national attention on the teaching and learning of writing. In addition to research reports, the site also provides access to The National Writing Project which includes 30 different activities for the classroom. | http://www.writingcommission.org |
| The National Council of Teachers of English (NCTE) | A wealth of information on the writing process, NCTE has developed national standards for assessment and evaluation in the area of English. One of the 29 standards for assessment and evaluation in the NCTE report states that "control of the conventions of Edited American English - spelling, handwriting, punctuation and grammatical usage should be developed primarily during the writing process." | http://www.ncte.org/ |
| The WAC Clearinghouse | This site publishes journals, books, and other resources for teachers who use writing in their courses. | http://wac.colostate.edu/index.cfm |
| The Writing Site | This site is maintained by the Corporation for Educational Technology and the Indiana Department of Education. The site includes extensive writing resources for the classroom teacher. | http://www.thewritingsite.org |
| The Writing Source | Writings from different levels, including high school, can be located at this site. | http://www.thewritesource.com/models.htm#inc. |
| Wacky Web | Choose from over a dozen different story titles and then fill in the blanks for different parts of speech. After you've identified all the words, click and a nonsensical story will be made with them. | http://www.eduplace.com/tales/ |

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| WebGrammar | This site includes general to specific grammar tips as well as a writing section with style guides and other resources. | http://www.webgrammar.com/ |
| Word Games | This site includes eight word games that students can play alone or as a group. | http://www.eastoftheweb.com/games/index.html |
| Writing Centre of the University of Ottawa | This site provides a HyperGrammar resource, as well as activities for the classroom. | http://www.uottawa.ca/academic/arts/writcent/hypergrammar/partsp.html |
| Writing Skills Necessary for Employment | A report on business and the need for writing within the workplace from the National Commission on Writing, College Board. | http://www.writingcommission.org/pr.writing_for_employment.html |

SOCIAL STUDIES WEBSITES

The area of social studies provides students with the content knowledge, intellectual skills, and civic values necessary for fulfilling the duties of citizenship in a participatory democracy. The National Council for the Social Studies (NCSS) defines social studies as "the integrated study of the social sciences and humanities to promote civic competence." Many students lack adequate content or background knowledge in the different areas of social studies. The World Wide Web is an excellent resource for information, as well as graphic literacy resources and audio and video presentations.

All websites reviewed October 2008.

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| A Road Map to the U.S. Constitution | An overview of the constitution and important Supreme Court cases is provided easy-to-understand language. | http://library.thinkquest.org/11572 |
| American Memory Timeline | A great website from the Library of Congress that lets you explore many different events in American history. | http://memory.loc.gov/ammem/ndlpedu/features/timeline/index.html |
| An Outline of American History | An overview of history and government developed as part of <i>The American Revolution—an HTML Project</i> . | http://odur.let.rug.nl/~usa/H/index.htm |
| Basic Reading In U.S. Democracy | An overview of key historic documents and the events that surrounded them, speeches, landmark Supreme Court cases. | http://usinfo.state.gov/usa/infousa/facts/democrac/demo.htm |
| Brief Timeline of American Literature and Events | This site provides information on political and social history and American literature | http://guweb2.gonzaga.edu/faculty/campbell/enl311/timemfram.html |
| Center for Civic Education | This site provides basic information and classroom resources for civic education. | http://www.civiced.org |
| Channel One – Behind Famous War Photos | This site provides background information on some of the most famous war photos of the past. | http://www.channelone.com/news/2005/02/18/war_photos/ |

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| Chart of Inventions from Encyclopedia Britannica | From the Encyclopedia Britannica, this site provides a chart of inventions and historic events that accompanied them. | http://corporate.britannica.com/press/inventions.html |
| Charters of Freedom | This site, sponsored by the U.S. Archives, provides transcripts as well as samples of major historical documents, including Declaration of Independence, U.S. Constitution, etc. | http://www.archives.gov/national_archives_experience/charters/declaration.html#more |
| Civics Online A Michigan State University online program | This Michigan State University online program provides information and resources on civics and government. | http://www.civics-online.org |
| Constitutional Topic: Articles of Confederation | The Constitutional Topics pages at the USConstitution.net site are presented to delve deeper into topics than are provided on the Glossary Page and FAQ pages of this site. This website is a wealth of information. | http://www.usconstitution.net/consttop_arti.html |
| Daryl Cagle's Professional Cartoonists Index! | This site includes cartoons from over sixty cartoonists on a variety of topics, plus a teacher's guide, games, and activities. The site stays current. | http://www.cagle.com |
| Digital History | An interactive, multimedia history of the United States from the Revolution to the present. | http://www.digitalhistory.uh.edu/ |
| Foundation for Teaching Economics | This site provides lessons for the classroom. Different areas of economics are included in the lessons. | http://www.fte.org/ |
| From Revolution to Reconstruction and What Happened Afterwards | From the Department of American Studies University of Groningen, the Netherlands, this website was started in 1994 and continues to grow. The site includes a history, including important documents, of America from the colonial period until modern times. The site is continually being updated with information | http://odur.let.rug.nl/~usa/D/index.htm |

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| | and links. | |
| Great Engineering Achievements of the 20th Century | Teaching history through inventions is one way of helping students connect background knowledge to different historic times. This site is sponsored by the National Academy of Engineering. | http://www.greatachievements.org/greatachievements/index.html |
| HistoryWorld | HistoryWorld is a general-knowledge website that is designed for adults with an interest in history. It approaches history as a narrative, making full use of chronology or sequence of events. | http://www.historyworld.net/about/origins.asp |
| Landmark Court Decisions | This site provides information on constitutional issues, as well as landmark decisions from the courts. | http://www.constitution.org/ussc/usscdeci.htm |
| Landmark Supreme Court Cases & the Bill of Rights | From the Citadel, this site is a wealth of information on landmark Supreme Court cases, as well as the Constitution and Bill of Rights. | http://www.citadel.edu/citadel/otherserv/psci/courses/kuzenski/cases.htm |
| Library of Congress | The Library of Congress has historic documents, as well as timelines and articles that can be downloaded for classroom use. | http://memory.loc.gov/ammem/help/constRedir.html |
| Lessons for Economics | Developed through the National Foundation for Teachers of Economics, this site provides a variety of lessons for use in the classroom. | http://www.fte.org/teachers/lessons/lessons.htm |
| Made in the USA | A lesson plan on items made in the United States and the importance of the items. This lesson is part of a series of lessons from National Geographic. | http://www.nationalgeographic.com/resources/ngo/education/ideas912/912made.html |
| National Atlas.Gov | This site provides free outline maps that can be printed for and used in the classroom. | http://nationalatlas.gov/index.html |

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| National Archives and Records Administration | The website of the National Archives. All types of educational units and copies of national documents are available from this governmental site. | http://www.archives.gov |
| National Center for Education Statistics | This site provides students with tools to create their own graphs, an important skill in social studies. | http://nces.ed.gov/nceskids/createagraph/ |
| National Council for Social Studies | The professional organization for educators in the different areas of social studies, this site provides materials, research, educational standards, and resources for use in the classroom. | http://www.socialstudies.org/about |
| National Council on Economic Education | The professional organization for educators in the area of economics. This site provides academic standards for the teaching of economics. | http://www.ncee.net/ea/standards/ |
| National Geographic | This section of the National Geographic website has political, physical, cultural, and weather maps to download for use in the classroom. | http://www.nationalgeographic.com/resources/ngo/maps/ |
| News Hour Extra | From PBS, lessons on political cartoons are provided for classroom use. | http://www.pbs.org/newshour/extra/teachers/lessonplans/socialstudies/Vote2004/political_cartoons.html |
| Online History of the United States | Hosted by USGenNet, this website provides information on the history of colonial times in America. | http://www.usgenet.org/usa/topic/colonial/index.html |
| On Politics – Historic Supreme Court Cases | This site was developed by the Washington Post and provides information on historic cases. | http://www.washingtonpost.com/wp-srv/national/longterm/supcourt/history/historic.htm |
| PBS Teacher Source | An excellent source for lessons in all areas of social studies is provided at PBS Teacher Source. | http://www.pbs.org/newshour/extra/teachers/lessonplans/socialstudies/Vote2004/political_cartoons.html |

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| Popular Songs in American History | This site provides songs from different periods of American history that can be downloaded. | http://www.contemplator.com/america/ |
| Practical Money Skills | Excellent resources for the classroom that are produced by Visa are included at this website. Educators may order sample materials and access lesson plans k-college. | http://www.practicalmoneyskills.com/english/teachers/level/php?id=3 |
| Public Policy Inquiry – Campaign Finance – Supreme Court Cases | From the Hoover Institute, this site has extensive information on campaign finance and legislation/court cases on this interesting topic. | http://www.campaignfinancesite.org/default.htm |
| Street Law and The Supreme Court Historical Society | This site provides information on landmark Supreme Court cases including resources for teachers, such as lesson plans, questions, background information, etc. | http://www.landmarkcases.org/index.html |
| Supreme Court Law Cases Summaries | Touro College Jacob D. Fuchsberg Law Center provides summaries of landmark cases on this site. | http://www.tourolaw.edu/patch/CaseSummary.html |
| The Declaration of Independence | Readings on the call for independence and how the Declaration of Independence came to be can be obtained from The History Channel website. | http://www.historychannel.com/exhibits/declaration/call.html |
| The History Channel | The History Channel provides both historic and current topics, readings, audio and video recordings, and lessons for the classroom. | http://www.historychannel.com/ |
| The U. S. Mint | This interactive site focuses on issues with money and credit. Excellent ideas for the classroom that are pertinent to the adult student, as well as great hands-on activities for students. | http://www.themint.org/index.html |

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| This Day In History | The History Channel.Com provides information on events that occurred in history, such as: Automotive, Civil War History, Cold War History, Crime History, Entertainment History, Literary History, Old West History, Technology History, Vietnam War History, Wall Street History, WWII History. | http://www.historychannel.com/today/ |
| University of Iowa | Different types of displayable maps are free to download from this site. | http://www.cgrer.uiowa.edu/servers/servers_reference_s.html |

LANGUAGE ARTS, READING

There are many excellent sites from which to obtain research on the adult reader, as well as online lesson plans, activities, strategies, and games. Internet libraries provide a wealth of reading materials for all levels of readers.

All websites reviewed October 2008.

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| An Online Library of Literature | Reading books online that can be downloaded free from this online library. | http://www.literature.org/ |
| Augusta Technical College | This site provides reading strategies for students to use when reading different types of texts. | http://www.augusta.tec.ga.us/CounselingCenter/AcademicCounseling/readingStrategies.shtml |
| Authentic Assessment Toolbox | Extensive site developed by Jonathan Mueller. This site provides materials on how to use authentic tasks and/or assessments in the classroom. | http://jonathan.mueller.faculty.noctrl.edu/toolbook/howdoyoudoit.htm |
| Awesome Library Education Sites | Lists and links to the top 5% educational sites on the Internet. The list changes and adds new sites based on usage. | http://awesomelibrary.org/ |
| California Distance Learning Project Online | Online learning activities for adult education students in a variety of content areas. The articles are high interest with questions and activities. | http://www.cdlponline.org/ |
| Cerritos College Skills Tutorials | This site provides practice in different areas of reading. The materials are higher level. | http://www.cerritos.edu/reading/tutorials.htm |
| College Reading Skills Program Techniques for Skillful Reading | The College Reading Skills Program (CRSP) utilizes various vocabulary, critical comprehension, and reading rate strategies to encourage students in becoming more active and critical when they are engaged in the reading process. | http://www.csupomona.edu/~lrc/crsp/techniques.html |

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| Critical Reading | This site explains how to analyze content, language, and structure in reading texts. | http://www.criticalreading.com/ |
| Dave's ESL Café | This site offers idea pages for teachers, reading materials at different levels, and ESL websites. | http://eslcafe.com/ |
| Detroit Newspapers in Education (NIE Online) | Sponsored by The Detroit News, NIE Online provides links to daily lesson plans for use in teaching current events. The site also includes an index of weekly plans. | http://nieonline.com/detroit/index.cfm |
| Discovery Channel | All types of interesting reading materials, as well as videos, can be found on the Discovery Channel. | http://www.discovery.com/ |
| Education with Student News from CNN | This site provides teachers with instructional materials for integrating current events across the curriculum. A student section keeps students in grades 6-12 aware of the latest news of interest to them. Lesson plans, background material, profiles, links to useful Internet sites, and forums for interaction with other teachers are also included. | http://www.cnn.com/studentnews/ |
| Graphic.Org | This site provides teachers with a wide variety of different types of graphic organizers with information about their use in the reading process. | http://www.graphic.org/goindex.html |
| Heteronym Home Page | Find out everything you wanted to learn about heteronyms at this one site. | http://www-personal.umich.edu/~cellis/heteronym.html |
| Interactive Word Games | Online games are provided to strengthen vocabulary skills. | http://www.wordplays.com/p/index |

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| International Reading Teachers Association (IRA) | A professional organization of reading teachers from all levels, IRA provides resources, research, and professional development in the area of reading. | http://www.reading.org/ |
| Learning Resources | Web-delivered instruction with full text of newspaper story and activities to test comprehension assist teachers in using authentic texts with different levels of learners. | http://literacynet.org/cnnsf/home.html |
| Learning to Read | A page of resources on reading research with great links to learn more about reading. | http://toread.com/ |
| LINCS Resources | Informational resources on adult education and literacy. The goal of LINCS is to bring adult literacy-related resources and expertise to a single point of access for <i>users throughout the world</i> . | http://novel.nifl.gov/lincs/index.html |
| Literature – What Makes a Good Story | Explains the elements of a short story and provides activities for the classroom. | http://www.learner.org/exhibits/literature/index.html . |
| National Center on Adult Literacy (NCAL) | NCAL was established in 1990 with a major grant from the U.S. Department of Education to research issues in youth and adult literacy | http://literacy.org/ncal.html |
| NCSALL (The National Center for the Study of Adult Learning and Literacy) | An excellent site for research and practice for those teaching, managing, or setting policy in adult literacy education. Professional development programs and publications, such as Focus on Basics are available. | http://www.gse.harvard.edu/~ncsall/ |
| NIFL (National Institute for Literacy) | This organization has excellent research articles and practical information on literacy. | http://novel.nifl.gov/ |
| Power Reading | See what it is like to read between 200 and 500 words a minute. | http://www.powerreading.com/speedtest.html |

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| Reading Skills in Business: Information from Answers.com | Strategies for assisting students in building the skills they need to be successful readers in the workplace. | http://www.answers.com/topic/reading-skills-in-business |
| Regents Reading Test University System of Georgia | Online activities that check students' comprehension skills. | http://www2.gsu.edu/~wwwrtp/instrdg.htm |
| RHL School | Free downloadable reading comprehension worksheets. | http://www.rhlschool.com |
| Smithsonian Online | All types of reading resources and materials from the Smithsonian Museum. | http://www.si.edu/ |
| The English Zone | Printable worksheets for reading comprehension and vocabulary. | http://www.english-zone.com/ |
| The Internet Public Library | This is a free online public library with references, books, stories, and newspapers from all over the world. | http://www.ipl.org/ |
| The Partnership for Reading | The Partnership for Reading offers information about the effective teaching of reading for children, adolescents, and adults, based on the evidence from quality research. Excellent site for online reports about reading research. | http://www.nifl.gov/partnershipforreading/ |
| The Wacky World of Words | All types of online games and activities for students to use in order to enrich their vocabulary. | http://www.gecdsb.on.ca/d&g/jan00/web4.htm |
| Tools for Reading, Writing, and Thinking | A compilation of downloadable graphic organizers hosted by the Greece Central School District. | http://www.greece.k12.ny.us/instruction/ela/6-12/Tools/Index.htm |
| Using Newspapers in the Classroom | This website includes a list of activities across a variety of content areas that can be completed in the classroom by using newspapers. | http://www.teachersdesk.org/news.html |

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| Vocabulary University | Lots of fun activities and interactive games that assist students in learning such vocabulary fundamentals as root words. | http://www.vocabulary.com/ |
| Wisconsin Literacy Education and Reading Network Source | An excellent resource for teachers to add reading strategies and techniques to the adult education program. | http://wilearns.state.wi.us/apps/default.asp |
| Word Games | This site includes eight word games that students can play alone or as a group. | http://www.eastoftheweb.com/games/index.html |
| Word Play | Extensive site that lists links to online sites for acronyms, homonyms, language translation, mnemonics, American slang, anagrams, American Sign Language, lyric meanings, Shakespearean insults, Mad Libs, Klingon language, limericks, oxymorons, palindromes, puns, rhyming dictionary, rap dictionary, idioms, and so much more. | http://www.wolinskyweb.net/word.htm |

SCIENCE WEBSITES

From videos to content knowledge to fun activities and experiments, the Internet is an incredible resource for teachers and for students. The following science sites are filled with great information. It is recommended that teachers review each site to determine whether or not the site meets the needs of the particular learning environment. Please note that some sites are intended specifically for teachers to refresh their own skills in Science or to obtain handouts that can be used as practice activities in the classroom.

All websites reviewed October 2008.

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| ABC Science | News, video clips, games, and lots of activities for the science classroom from the American Broadcasting Company. | http://www.abc.net.au/science/ |
| Access Excellence | The National Health Museum. Interactive sites about real-life science. Students can hypothesize an answer, watch the clip, and then see whether or not they predicted correctly. Great graphics, a virtual microscope. | http://www.accessexcellence.org/ |
| American Museum of Natural History | Lots of different information on the “ology” of science, such as astronomy, archeology, etc. from the American Museum of Natural History. | http://ology.amnh.org/index.html |
| Analytical Chemistry from Umeå University, Sweden | Lots of great websites on chemistry, plus some fun ones like the T.W.I.N.K.I.E.S. Project. Includes lectures and materials for all levels of chemistry. | http://www.anachem.umu.se/eks/pointers.htm |
| Annenberg/CPB Amusement Park Physics | Learn about science behind merry-go-rounds, roller coasters, bumper cars and more. | http://www.learner.org/exhibits/parkphysics/coaster/ |
| Annenberg: The Habitable Planet | The Habitable Planet is a multimedia course for high school teachers and adult learners interested in studying environmental science. The Web site provides access to course content and activities developed by leading scientists and researchers in the field. | http://www.learner.org/channel/courses/envsci/index.html |

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| Annenberg Science in Focus: Force and Motion | Explore science concepts in force and motion and come away with a deeper understanding that will help you engage your students in their own explorations. With science and education experts as your guides, learn more about gravity, friction, air resistance, magnetism, and tension through activities, discussions, and demonstrations. | http://www.learner.org/channel/workshops/force/ |
| Annenberg/CPG Weather | Learn what causes rain, thunder, tornadoes and more. | http://www.learner.org/exhibits/weather |
| Bad Science by Alistair B. Fraser | This page is maintained by Alistair B. Fraser in an attempt to sensitize teachers and students to examples of the bad science often taught in schools, universities, and offered in popular articles and even textbooks. | http://www.ems.psu.edu/~fraser/BadScience.html |
| BBC Science | From space to the human body to, this interactive site allows learners to discover many different facets of science. | http://www.bbc.co.uk/sn/ |
| Bill Nye the Science Guy | A site devoted to science and Bill Nye's television show | http://www.billnye.com/ |
| Biology 4Kids | This is the place to go to learn about cells, chemistry, physics, and geography. Although the title says for kids, the handouts and information are great for anyone. | http://www.biology4kids.com/index.html |
| Boston Museum of Science | These online exhibits cover a wide range of science topics, from Aging and Ice to Robots and Weather. | http://www.mos.org/ |
| Brain POP | There are tons of online cartoons videos to watch and fun quizzes to take. <i>There is a fee for this site.</i> | http://www.brainpop.com/ |
| Cells Alive | This site can be used by teachers and students. Lots of great interactivity and resources on the basics of cells. | http://www.cellsalive.com/toc.htm |
| Chem4Kids /Biology4Kids/Physics for Kids | Designed for students, covering basic topics in the areas of chemistry, biology, and physics. Great overview of the topics with reading materials, activities, and games. | http://www.chem4kids.com/ http://www.biology4kids.com/ http://www.physics4kids.com/ |

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| ChemWeb OnLine | An overview of the basics of chemistry as developed by a high school student. Good graphics and easy to understand text. | http://library.thinkquest.org/10429/high/indexh.htm |
| Discovery Kids | Although the site is developed for kids, there are lots of fun activities and games for all. The Yuckiest Site on the Internet may not be for everyone, but may provide students with a laugh, while learning a little about science. | http://kids.discovery.com/ |
| Delights of Chemistry University of Leeds. Department of Chemistry. | This is a collection of three dozen experiments and demonstrations, two photo libraries and streaming chemistry video. | http://www.chem.leeds.ac.uk/delights/ |
| Discovery Channel | The website has lots more information than even the channel. Lots of interactivity with excellent videos, interactivity, and high-level games. | http://www.discovery.com/ |
| Earth Floor: Biomes | Virtual tour of a tropical rain forest, tropical savannah, mid-latitude deciduous forest, desert, subarctic taiga and polar tundra. | http://www.cotf.edu/ete/modules/mse/earthsysflr/biomes.html |
| Educational Innovations | Science teacher materials to use in the classroom. | http://www.teachersource.com/ |
| Educators' Bridge University for Atmospheric Research. | Resources and lessons for all levels of science. | http://www.eo.ucar.edu/educators/index.html |
| Eisenhower National Clearinghouse | Resources on math and science research and education. <i>Fee based service.</i> | http://www.goenc.com/subscribe/ |
| Environmental News Network | The latest information on the environment. Good source of information and graphics. | http://www.enn.com/ |
| Everyday Chemistry | Information on things that surround us each day from About.com – all from the world of chemistry. | http://chemistry.about.com/od/everydaychemistry/ |
| Exploratorium Online | Since 1993, the Exploratorium was one of the first science museums to build a site on the World Wide Web. The site contains over 15,000 articles and displays including interactivity regarding scientific concepts. | http://www.exploratorium.edu/ Exploratorium Online Exhibits – Optical Illusions http://www.exploratorium.edu/exhibits/f_exhibits.html |
| Extreme Science | Ever wondered what the biggest, the baddest, and the best are in the natural world? This is the place to find out and to learn about the latest in science | http://www.extremescience.com |

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| | and technology. | |
| Fear of Physics Basic | Information on physics concepts with interactive activities. Great site with easy to understand explanations of such things as “Why Satellites Don’t Fall!”, “First One Down” “the G Factor”, etc. | http://www.fearofphysics.com/ |
| First Science | Includes science articles, games, science cams on the web, science crossword puzzles, even science poetry and cartoons. | http://www.firstscience.com/site/home.asp |
| Franklin Institute | Excellent collection of online resources and activities designed to create curiosity and promote science in everyday life. | http://www.fi.edu/explore.html Math and Computer Science http://sln.fi.edu/tfi/hotlists/math.html Earth Science http://sln.fi.edu/tfi/hotlists/geology.html Health http://sln.fi.edu/tfi/hotlists/health.html Physical Science http://sln.fi.edu/tfi/hotlists/physical.html Space Science http://sln.fi.edu/tfi/hotlists/space.html Weather Science http://sln.fi.edu/tfi/hotlists/weather.html Weekly Science News http://sln.fi.edu/tfi/hotlists/sciencenews.html |
| Fun Brain | ProTon Don is an online interactive game on the periodic table. | http://www.funbrain.com/periodic/index.html |
| Fun Science Gallery | Games, activities, and fun things to do with science. | http://www.funsci.com/index.htm |
| Gallery of Auroras | Fantastic images of the auroral displays. | http://www.teachersdomain.org/3-5/sci/ess/eiu/auroras/index.html |
| General Chemistry Online | Information from a chemistry course. Includes a free newsletter. | http://antoine.frostburg.edu/chem/senese/101/index.shtml |
| How Everyday Things Are Made | Developed by the Alliance for Innovative Manufacturing this series of short videos also include questions for students. | http://manufacturing.stanford.edu/hetm.html |

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| How Things Work | This site is geared towards adults and high school students. It shows you how lots of things work, like cds and engines. | http://www.howthingswork.com |
| Inventions National Geographic | Sponsored by National Geographic, this site invites students to test out the workings of a new contraption while working through five different activities. | http://www.nationalgeographic.com/features/96/inventions/ |
| Invention Dimension from the Massachusetts Institute of Technology | Invention Dimension is a fun-filled and at times wacky approach to making learning about invention exciting for the kid in all of us. Have some fun with the invention games and explore the wealth of inventor and invention resources, including inventor profiles and patent guidelines. | http://web.mit.edu/invent/invent-main.html |
| Lawrence Hall of Science University of California, Berkeley | Great site for materials, lessons, and even online experiments for all ages. | http://www.lawrencehallofscience.org/lhshome.html |
| Mad Sci Network | The laboratory that never sleeps! Great database full of questions answered by scientists who are experts in their field from the Washington University at St. Louis. Includes experiments as well. | http://www.madsci.org/ |
| Make a Splash with Color | Information on light theory in three sections: Talking about Color, The Lighter Side of Color, and An Eye on Color. | http://www.thetech.org/exhibits_events/online/color/intro/ |
| Making Waves | Guide to sound and electromagnetic radiation including Sound, Radio, Microwave, Infrared and Ultraviolet Light, Lasers, X - Rays, and Gamma Rays. Created by students. | http://www.smgael.org/physics/home.htm |
| MEDtropolis/Columbia Virtual Body | A website built for the latest health information that will educate and entertain. Site has information, as well as activities and games for exploration. Excellent Shockwave-based interactive tour of the human body includes such activities as "Organize Your Organs" and "Build a Skeleton." | http://www.medtropolis.com/ Columbia Virtual Body http://www.medtropolis.com/VBody.asp |

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| Mr. Parks Biology Songs | Includes science songs – listen if you dare. | http://whhs.guhsd.net/park/biosongs.html |
| Museum of Science, Art and Human Perception | A wealth of hands-on and exploration in the world of science. Displays change frequently. | http://www.exploratorium.edu |
| Museum of Science, Boston | Visit an electricity, fractal, and electron microscope exhibit, among others, online. | http://www.mos.org/events_activities/virtual_exhibits |
| Nanoworld Image Gallery | High quality magnified microscopic images of blood, cells, animals, diseases, microbes, pollen, yeast, molds and plant and animal tissue. Fun to test your knowledge about what some of the images are. | http://www.uq.edu.au/nanoworld/images_1.html |
| Neptune's Web | Sponsored by the Naval Meteorology and Oceanography Command: facts, quizzes, searches, ask an oceanographer, teacher resources. | http://pao.cnmoc.navy.mil/Educate/Neptune/Neptune.htm |
| NASA Home Page | Offers a wealth of information including information on recent and ongoing space probes such as the Mars and Jupiter explorations. | http://www.nasa.gov/home/index.html |
| NASA's Origins | Exploration of outer space and “new” planets. | http://origins.jpl.nasa.gov/ |
| NASA's Quest | Made for teachers and students, includes online projects and events which fill your classroom full of excitement and higher level thinking. | http://quest.arc.nasa.gov/ |
| NASA Space Link | More of NASA's wealth: Briefs, Educator's Guides, Educational Programs, Wallsheets, Lithographs, Slide Sets and Videotapes. | http://www.nasa.gov/home/index.html?skipIntro=1 |
| NASA Space Place | NASA's salute to elementary space science with an emphasis on hands-on activities that make sophisticated concepts meaningful. | http://spaceplace.jpl.nasa.gov/index.shtml |
| National Curriculum Science Resources | Covers all science topics with information, pictures, animations, quizzes, and glossaries. | http://www.schoolscience.co.uk/ |
| National Earthquake Information Center | From U.S.G.S., this is an online archive of current and general earthquake data, as well as station codes and coordinates. | http://wwwneic.cr.usgs.gov/ |
| National Science Teachers Association | The National Science Teachers Association is a professional organization of science teachers from kindergarten through college. | http://www.nsta.org/ |

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| | Professional development, research, and resources are an integral part of this website. | |
| Newton's Apple | NEWTON'S APPLE is a production of Twin Cities Public Television from a grant from the 3M Foundation. The site is filled with free videos for use in many different areas. | http://www.newtonsapple.tv/ |
| NOAA Education Advancing Environment Literacy (National Oceanic and Atmospheric Administration) | Great ideas and websites for teachers and students regarding weather and our world. | http://www.education.noaa.gov/ |
| Science Friday: Making Science User Friendly, National Public Radio (NPR) | NPR's teaching materials to accompany the station's Science on Friday programs. | http://www.sciencefriday.com/ |
| Oregon Museum of Science and Industry | From BusyTown and Engineer It to WaterWorks and Virtual Tours, this site offers all kinds of online experiences for experiencing Science. | http://www.oms.oregon.gov/explore/online.cfm |
| Ocean Planet Home Page | This Smithsonian exhibit looks at the power of the ocean and according to the site's opening comments "plumbs the depths of the watery world." | http://seawifs.gsfc.nasa.gov/ocean_planet.html |
| PBS: Science & Nature | Highlights and background information on every Science-based PBS program on the air; check out the Science for the Classroom link. | http://www.pbs.org/science/ |
| Periodic Table of Comic Books James Holler and John P. Selegue Department of Chemistry. University of Kentucky | Takes the periodic table and uses comics that use this element in them. Very creative! | http://www.uky.edu/Projects/Chemcomics/ |
| Pfizer Fun Zone | A really cool place to learn all about science and people who work in specific fields. | http://www.pfizerfunzone.com/funzone/ |
| pH Factor | This Miami Museum of Science site introduces acids and bases to students. | http://www.miamisci.org/ph/ |
| Physics Central Website of The American Physical Society | This site communicates the importance of latest physics research and the people who are doing it. | http://www.physicscentral.org/ |
| Physics 2000 | Beginner level information from ongoing physics workshop through Grants from the Colorado | http://www.colorado.edu/physics/2000/index.pl |

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| | Commission on Higher Education and the National Science Foundation and the University of Colorado at Boulder. An interactive journey through modern physics, including segments on Einstein's Legacy and the Atomic Lab. | |
| Project SkyMath: Making Mathematical Connections University Corporation for mathematical Research | The site provides ideas for using middle level math skills in science classes. | http://eo.ucar.edu/skymath/#SM |
| Reekos Mad Scientist Lab | Great experiments to do in the classroom with explanations of basic concepts attached. | http://www.spartechsoftware.com/reeko/ |
| Science and Nature. BBC | This website from the British Broadcasting Company provides different activities and lessons in the area of natural science. | http://www.bbc.co.uk/sn/ |
| Science Education Gateway | Organized lists of lessons and resources from museums and science organizations are included on this site. | http://cse.ssl.berkeley.edu/SEGway/educators.html |
| Science Junction North Carolina State University | Billed as a science cyber community for teachers, students, and researchers of science, this site seeks to make connections between science and everyday life. A great website filled with sites on all of the different types of science – from biology to chemistry to physics. Includes freeware and shareware. A nice science site with links for teachers and students alike; rather graphically intensive. | http://www.ncsu.edu/sciencejunction/ |
| Science Learning Network | A site which provides Internet exploration of science museums and resources for science educators. This site is devoted to scientific inquiry. | http://www.sln.org/ |
| Science Man | A hub of science and technology information for student and teachers. | http://www.scienceman.com/ |
| Science Master | Space science information for the classroom. | http://www.sciencemaster.com/space/space.php |

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| Science Museum of Minnesota | Well-designed and nicely formatted original online exhibits and activities covering ten high-interest science topics. | http://www.smm.org/explorescience/websites/ |
| Science Net | A well-compiled list of sites for students in the area of the sciences is provided on this site. | http://sciencenet.tpl.toronto.on.ca/english/welcome/welc_f.html?gatewayNo=11 |
| Science Netlinks | Lesson plans with activities in all areas of science for K-12. Part of the Thinkfinity. | http://www.sciencenetlinks.com/ |
| Science News Online | A science magazine that has been around for over 70 years. | http://www.sciencenews.org/ |
| Science Now | Newsletter for science teachers published by UCAR and SIRS, Inc., an educational publisher. | http://www.proquestk12.com/curr/snow/snowtoc.htm |
| Science Odyssey | Lots of interactive stuff to do. Definitely visit the "You Try It" link. | http://www.pbs.org/wgbh/aso |
| Sci-Quest | E-solutions for science. Articles on biological, environmental, and physical science. Registration is required, but it is free. | http://www.sciquest.org.nz/ |
| Science Song Center | Listen only if you dare! Fun science songs that can be downloaded for the classroom. | http://faculty.washington.edu/crowther/Misc/Songs/ |
| Science-Teachers.com | The site is a teaching resource providing lesson plans, worksheets, and activities for upper elementary and middle school science teachers. All resources on this site are copywritten, but are free to distribute to students in your classroom. | http://www.science-teachers.com/ |
| Science 10 Resource Materials | This site contains classroom ready lessons on: water quality, chemical change, food additives, human nutrition, and science challenges. | http://www.saskschools.ca/curr_content/science10/index.html |
| Sea Web | A multimedia public education project designed to raise awareness of the world ocean and the life within it. | http://www.seaweb.org/ |
| Seeing, Hearing and Smelling the World | A multitude of science topics explored through an examination of the brain and our senses; sophisticated subject matter. Howard Hughes Medical Institute. | http://www.hhmi.org/senses/ |
| Singing Science Songs | Singing Science Songs. Fun to access for an | http://www.acme.com/jef/singing_science/ |

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| | introduction to a science lesson. | |
| Songs for Teaching Science | Lots of fun songs that can be downloaded for use in the classroom. | http://www.songsforteaching.com/sciencesongs.htm |
| Strange Matter | A traveling exhibition developed by the Ontario Science Centre and presented by the Materials Research Society with the support of the National Science Foundation. Lots of interesting materials on the “study of stuff.” | http://www.strangematterexhibit.com/ |
| Table of Elements | An already prepared drill on the Periodic Table is available. | http://www.edu4kids.com/chem/ |
| Tanner’s Topics: General Chemistry | A great overview of the basic areas of atoms, molecules, elements, physical chemistry, images, and solutions. | http://www.tannerm.com/ |
| Teaching Science Matters (Invention Factory) | Supported by the Eisenhower Technology Grant in conjunction with the Science Education Consortium at Princeton University. Good ideas for all science classrooms. | http://www.inventionfactory.com/ |
| Teachers’ Domain | Resources for the classroom. Must register to use the site but it is free. Includes short audio and video files for use in the classroom. | http://www.teachersdomain.org/9-12/sci/ess/index.html |
| The Lab | The Lab is the Australian Broadcasting Corporation's online gateway to science, including original material, news, features and forums. | http://www.abc.net.au/science/default.htm |
| The Museum of Science and Industry, Chicago | This Web site is simply hours of fun and a wealth of information. | http://www.msichicago.org/ |
| The Particle Adventure | Particle Data Group. U.S. Department of Energy. Available in different languages, this is a fun interactive site for students. Good materials, which are free to download. | http://particleadventure.org/particleadventure/ |
| The Physics Classroom | The Physics Classroom and Mathsoft Engineering & Education, Inc. Great information on how to teach basic physical principles in the classroom. | http://www.physicsclassroom.com/Default2.html |
| The Science House North Carolina State University. | Lots of materials and ideas from a science teach project. | http://www.science-house.org/ |

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| The Top Ten Sites | Choose your topic and go to the top ten sites as identified by the Exploratorium in California. | http://www.exploratorium.edu/learning_studio/sciencesites.html |
| The Visible Human Site | This is the site of the human man and woman with lots of graphics. | http://www.nlm.nih.gov/research/visible/visible_human.html |
| The Why Files | University of Wisconsin, Board of Regents. Real world articles to support all areas of science. Click on the "Why Files in Education." | http://whyfiles.org/teach/ |
| Try Science New York Hall of Science | TryScience is a partnership between IBM Corporation, the New York Hall of Science (NYHOS), the Association of Science-Technology Centers (ASTC), and science centers worldwide. The site provides activities from over 400 science centers worldwide, including on and offline activities and experiments. | http://tryscience.org/home.html |
| USGS Learning Web | Friendly format presenting data and activities from the U.S.G.S.; check out FrogWatch and Exploring Caves. | http://www.usgs.gov/education/ |
| Vision Learning | Lessons for the different competency areas of earth and space science. Lessons include graphics and can be viewed in Spanish. | http://www.visionlearning.com/index.php |
| Volcano World | Learn all about volcanoes! | http://www.volcanoworld.org |
| Weather Classroom | The Weather Classroom presents all kinds of online interactive resources for students and teachers; worth investigating. | http://www.weatherclassroom.com/index.php |
| Windows to the Universe | University Corporation for Atmospheric Research (UCAR) and the University of Michigan provide a great website for beginning, intermediate, and advanced levels of science. In both English and Spanish. | http://www.windows.ucar.edu/ http://www.windows.ucar.edu/tour/link=/teacher_resources/main/activity.html&edu=high |
| Wonders of Physics | Aimed at generating interest in physics among people of all ages and backgrounds. The heart of the program is a fast-paced presentation of physics demonstrations carefully chosen to be entertaining as well as educational. | http://sprott.physics.wisc.edu/wop.htm |

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| World Weather Project Department of Atmospheric Sciences (DAS) at the University of Illinois Urbana-Champaign (UIUC) | WW2010 (the weather world 2010 project) is a WWW framework for integrating current and archived weather data with multimedia instructional resources using new and innovative technologies. | http://ww2010.atmos.uiuc.edu/(Gh)/home.rxml |
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HANDS-ON SCIENCE EXPERIMENT WEBSITES

Although many of the websites listed above have experiments, demonstrations, graphics, activities, and lesson plans included, here are a few to get you started on “hands-on” experiences with science.

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| Dr. Matrix World of Science | This site is a partnership between IBM, the New York Hall of Science and the Association of Science-Technology Centers. It has dozens of experiments you can do at home, on-line interactive adventures, a guide to many science centers and science field trips, and live cams from many science and technology centers worldwide. | http://www.scientium.com/drmatrix/awards/ |
| Edible/Inedible Experiments | Lots of experiments which are easy to use in any type of classroom. | http://www.madsci.org/experiments/ |
| Exploratorium Cow’s Eye Dissection | Watch the movies and view information on the eye. Includes directions for doing an actual dissection. | http://www.exploratorium.edu/learning_studio/cow_eye/ |
| Exploratorium Snacks | Different edible experiments for the classroom. | http://www.exploratorium.edu/snacks/ |
| Frog Dissection Net Frog | A free dissection system for use in the classroom. | http://curry.edschool.virginia.edu/go/frog/ |
| Home Experiments | The name says it all as most products for these experiments are found in one’s home. | http://scifun.chem.wisc.edu/HOMEEXPTS/HOMEEXPTS.HTML |
| Fun Science Gallery | The Fun Science Gallery provides practical experiments sure to motivate students to engage in science. | http://www.funsci.com/texts/index_en.htm |
| Funology Science Experiments | Science experiments that are fun and easy to | http://www.funology.com/laboratory/index.htm |

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| | implement in the areas of physics, chemistry, biology, and weather. | |
| Institute of Food Technology: Food Science Experiments | Use food to help teach science! The following experiments are designed for use in middle and senior high school science classes. | http://members.ift.org/IFT/Education/EduResources |
| Jefferson Lab | On line games, activities, and lessons for basic science areas. | http://education.jlab.org/ |
| Little Shop of Physics – The Amazing Physics of Everyday Objects Colorado State University | The Little Shop of Physics is a collection of hands-on science experiments that are designed to be used by students at all grade levels, K-16. | http://littleshop.physics.colostate.edu/ |
| Newton’s Apple | This site includes experiments and even streaming video showing demonstrations of a variety of scientific topics. | http://www.ktca.org/newtons/index.html |
| Nye Labs.com | This is indeed “Bill Nye, the science guy” with lots of activities and applications for science. | http://www.billnye.com |
| Reekos Mad Science Lab | Interesting information and applications for science. | http://www.spartechsoftware.com/reeko/ |
| School for Champions | Physical science experiments. | http://www.school-for-champions.com/science/experiments.htm |
| Science Experiments You Can Do! | Easy science experiments that can be done with materials available around the house. | http://www.west.net/~science/expindx.htm |
| Science Hobbyist | Science experiments that are easy to do by adult students. | http://www.eskimo.com/~billb/ |
| The Atoms Family Miami Museum of Science | Experiments regarding the study of atoms. | http://www.miamisci.org/af/sln/ |
| TryScience/New York Hall of Science | Experiments online and with directions. Fun activities for all types of science. | http://www.tryscience.org |

ONLINE SCIENCE MUSEUMS

No time for a class field trip? Is your nearest science museum too far away? Are you looking for a simple way to integrate technology into your science curriculum? If you answered “yes” to any of these questions, then consider sending students to a virtual science museum that they can explore individually or in small groups. Following are some beginning sites to start your museum tours.

All websites reviewed November 2008.

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| Exploratorium: The Museum of Science, Art, and Human Perception | This famous San Francisco museum hosts a variety of online exhibits on topics ranging from biodiversity and frogs, to weather, sports, and basic scientific curiosity. They also offer online activities; step-by-step instructions for hands-on activities; webcasts; and an online magazine. From the home page, click on the “Explore” tab at the top left. | www.exploratorium.edu |
| Marian Koshland Science Museum of the National Academy of Sciences | This museum, opened just four years ago in Washington, D.C., shares many of its exhibits online. Here, students can explore how DNA analysis can catch criminals and stop epidemics, witness the potential effects of global warming, and glimpse the frontiers of scientific research. To browse their topics, click on the black “ALL EXHIBITS” button at the top left of the home page. | www.koshland-science-museum.org |
| Ology | The American Museum of Natural History (AMNH) hosts this award-winning site for students to study and explore “ologies” of interest. Sectors currently include archaeology, astronomy, biodiversity, Earth, Einstein, genetics, marine biology, paleontology, and water. Site navigation is intuitive and kid-friendly. | http://ology.amnh.org |
| Oregon Museum of Science and Industry | From their home page, click on “Science Online” at the top right portion of the menu bar. There you’ll find links to online activities, exhibits, podcasts, and other online resources. This section also includes “Science Whatzit”—a place | www.oms.edu |

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| | for students to conduct their own inquiry-based research and find answers to their questions. | |
| Resources for Learning | Another site from AMNH, this one offers over 1,000 online resources for students from Grade 6 and up. These resources contain activities, articles, evidence and analysis, and more in anthropology, astronomy, biology, Earth science, and paleontology. Their collection is highly searchable and can also be browsed by topic, subtopic, and/or grade level. | www.amnh.org/education/resources |
| Science Museum of Minnesota | A little digging is all that's needed to find a wealth of interactive enrichment activities. Many of their online exhibits, such as Wild Music and Tissues for Life, include hands-on activities for home or school. From the home page, click on "Learn" at the top menu bar. Then click on "Learn more" in the Online Activities section. | www.smm.org |
| Smithsonian Institution | The world's largest museum complex hosts an equally impressive Web site. At the left-hand menu of their home page, click on "Smithsonian for Kids." From there, students can explore, discover, and learn about science through activity sheets, idea labs, and more. Have students click on the "Science & Nature" topic for a suite of links to Smithsonian exhibits and activities on anatomy, squids, flight, light, Earth history, and other topics. | www.si.edu |
| Tech Museum of Innovation | The Tech Museum currently has two online exhibits: one on genetics and the human genome; the other on robotics. Both exhibits are packed with interesting facts and features, including interactive questions. To find them, look for "Online Fun" at the bottom right of the museum's home page. | www.thetech.org |
| The Franklin Institute Science Museum | Click on the green "Resources for Science Learning" tab at the top left of the home page. In the new window that opens, click the "For Learners" tab at the top. From there, the Franklin Institute's resources are easily navigated. | www2.fi.edu |

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| | Students can explore The Case Files, a unique repository of the history of science; the human heart; the brain; and links to pre-reviewed outside sites. | |
| TryScience | Last but by no means least, this partnership effort between the New York Hall of Science, the Association of Science-Technology Centers, and IBM Corporation is an innovative way for students to investigate, discover, and try science for themselves. Here, students can conduct online experiments, take online field trips, and participate in virtual scientific adventures. Fun graphics and high quality multimedia make this a stimulating, user-friendly site. | www.tryscience.com |

MATHEMATICS

The Internet provides wonderful resources for the classroom teacher in all areas of mathematics. From online textbooks to professional development to lesson plans to games to printable worksheets, the following websites are useful when developing lessons.

All websites reviewed October 2008.

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| AAAMath | This site has hundreds of pages of basic math skills, interactive practice, challenge games and random math problems. | http://aaamath.com |
| Algebra Lab | Activities and strategies for teaching algebra and how to solve different types of problems. | http://www.algebralab.org/ |
| Algebra Bingo | A fun game to get students familiar with the basic terminology of algebra. | http://www.sageoak.com/bingo.asp?whichbingo=Algebra |
| Algebra Courses | The Math Lab provides courses online in basic and more advanced algebra. | http://www.themathlab.com/Algebra/algebra.htm |
| Algebra Course from Annenberg | This course provides a great introduction to algebra for teachers and students. | http://www.learner.org/channel/courses/learningmath/algebra/index.html |
| Algebra Review in Ten Lessons | The University of Akron provides an online review of the basics of algebra. | http://www.math.uakron.edu/~dpstory/mpt_home.html |
| An Online Algebra Text | A full online algebra textbook is provided by James Brennan, Boise State University. | http://www.jamesbrennan.org/algebra/ |
| Annenberg Geometry | This course provides a great introduction to geometry for teachers and students. | http://www.learner.org/teacherslab/math/geometry/across.html |
| Annenberg Math | Although these are courses for elementary and middle school teachers, this online course of study is great to get started with different math strategies and ideas. | http://www.learner.org/channel/courses/learningmath/index.html |
| Animated Pythagorean Theorem | From the United State Naval Academy Mathematics Department, this site shows a proof of the Pythagorean Theorem. | http://www.nadn.navy.mil/MathDept/mdm/phth.html |
| Aplus Math | Click on the worksheets and create your own drills. You can specify the number of problems per page, types of problems, etc., and create free printable | http://www.aplusmath.com/ |

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| | worksheets. | |
| Atlas of Geometry Expressions | This site provides an overview of different terms and theorems in the area of geometry from Saltire Software. | http://www.geometryexpressions.com/Geometry_Atlas/GeometryAtlas.php |
| BBC Skillswise | Lots of activities are provided, including fact sheets and worksheets, for adults in the area of mathematics. Skillswise from the BBC is developed for the adult student. | http://www.bbc.co.uk/skillswise/ |
| Brunnermath | This is a personal teacher website with lots of math lessons – may take a little time to download in both English and Spanish. | http://www.brunnermath.com/geometry.htm |
| Clever Games for Clever People | Mathematic games that can be used in the classroom to teach critical thinking and problem solving skills are included on this website. | http://www.cs.uidaho.edu/~casey931/conway/games.html |
| Colby Community Math Department | A mathematics reference collection of K through 14 math tables, facts, definitions, formulas, and explanations. | http://www.colbycc.org/www/math/math.htm |
| Coolmath4kids | Although it says 4kids, this site has something for everyone. Here is a fun way to learn more about math in a way that is interactive and has a lot fun stuff to do. Amusement park designed especially for fun and learning. | http://www.coolmath4kids.com |
| EdHelper.com | A site of lots of resources, games, and activities for all different levels of math. | http://www.edhelper.com/ |
| Eisenhower National Clearing House for Math and Science (ENC Online) | Although there is a nominal fee for this site, goENC has over 27,000 print and multi-media curriculum resources and professional development materials. | http://www.goenc.com/ |
| ESPN Sports Figures | Lesson plans and activities are provided that combine sports, math, and science. | http://sportsfigures.espn.com/sportsfigures/ |
| Florida TechNet | Free lesson plans, professional development, and an Internet library are just a few of the items on Florida TechNet. | http://floridatechnet.org/ |
| Free Online Mathematics | This website includes interactive math activities from H & H Publishing Company. | http://www.onlinecollegeprep.com/FreeArithmetic/ |

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| Futures Channel | Movies and activities connect math to the real world. | http://www.thefutureschannel.com/hands-on_math/geometry.php |
| Funbrain | Activities, games, and puzzles are provided in basic areas of mathematics. | http://www.funbrain.com/ |
| Gameaquarium.com | Online games in all different areas of mathematic make this a fun and informative site. | http://www.gameaquarium.com/math.htm |
| Geometry Center University of Minnesota | This site is filled with information and activities for different levels of geometry. | http://www.geom.uiuc.edu/ |
| Geometry Junkyard | Lots of different topics on a variety of geometric topics are included on this site. | http://www.ics.uci.edu/~epstein/junkyard/ |
| Geometry Online | An introduction to the study of geometry is provided in understandable terms. | http://math.rice.edu/~lanius/Geom/ |
| Guide to Problem Solving | Research information and ideas on how to develop better problem solving skills assist teachers in assisting students to become better problem solvers. | http://www.mnlincs.org/abeonline/solvingindex.htm |
| Illuminations | Great lesson plans for all areas of mathematics at all levels from the National Council of Teachers of Mathematics (NCTM) | http://illuminations.nctm.org |
| Insites into Algebra 1 | Algebra information and professional development for middle and high school teachers is provided by the Annenberg Foundation. | http://www.learner.org/resources/series196.html |
| Interactive Algebra | This site provides different types of algebraic equations to solve that are generated at random. | http://www.veazeys.com/math/lessons.htm |
| Introduction to Geometry | This site provides an introduction to the basics of geometry. | http://library.thinkquest.org/2647/geometry/intro/intro.htm |
| King's List of Online Math Activities | Take a look at the section on geometry for lots of great sites with excellent materials and activities. Lots of highly interactive sites are included. | http://www.k111.k12.il.us/King/math.htm#About%20Space%20Activities |
| LINCS Science and Numeracy Collection | This site contains numerous links to science and mathematics materials and resources. | http://literacynet.org/sciencelincs/studentlearner-num.html |
| Math in Daily Life | This Annenberg online site provides materials for applied math skills in daily life. | http://www.learner.org/exhibits/dailymath/ |
| Mathematics Resources on the | This website contains hundreds of links to math | http://mathres.kevius.com/ |

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| Internet | websites. | |
| Mrs. Glossers' Math Goodies | Puzzles, games, activities, algebra etc. for all ages are provided on this site. Need to sign up for free weekly newsletter. | http://www.mathgoodies.com/ |
| National Council of Teachers of Mathematics (NCTM) | Professional organization for teachers of mathematics. Research, publications, national standards, and general information are available at the site. | http://www.nctm.org/ |
| National Library of Virtual Manipulatives for Math | All types of virtual manipulatives for use in the classroom from algebra tiles to fraction strips. This is a great site for students who need to see the "why" of math. | http://nlvm.usu.edu/en/nav/index.html |
| PBS Teacher Source | Lesson plans and lots of activities for all math levels are included in the teacher section of PBS. | http://www.pbs.org/teachersource/math.htm |
| Professor Freedman's Math Help | Information on basic math and algebra written for the adult audience. | http://www.mathpower.com/ |
| Purple Math | If you're looking for practical algebra lessons, then look no further. This site gives great practical tips, hints, and provides algebra examples and common error patterns. | http://www.purplemath.com/ |
| Quia Top 20 Math Games | Check out the games in mathematics, as well as in the other areas. | http://www.quia.com/dir/math/ |
| The Math Forum | This comprehensive math website provides articles, lesson plans and support for any topic in mathematics from K-12 through advanced college courses. The site provides students with sample problems in every mathematical area. "Ask Dr. Math" allows students to ask about math problems and receive an answer via the Internet. | http://mathforum.org/ |
| The Top Ten Sites | Choose your topic and go to the top ten sites as identified by the Exploratorium in California. This site changes so check often. | http://www.exploratorium.edu/learning_studio/cool/mathematics.html |

MANIPULATIVES FOR MATHEMATICS

The following are different sites that provide online manipulatives or manipulatives that you can create for the classroom to provide students with hands-on experiences.

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| Computing Technology for Math Excellence (CT4ME) | Access online math manipulatives and websites from CT4ME. | http://www.ct4me.net/math_manipulatives.htm |
| Enchanted Mind | This site has creative Java puzzles designed to exercise both sides of the brain. The site includes a puzzle link, which connects to a hands-on tangram activity, pentomino activity and chess. | http://www.enchantedmind.com/ |
| Java Interactive Geometry | You will need java browser to use these fun games. | http://www.geom.uiuc.edu/java/ |
| Handmade Manipulatives for Math | Make your own manipulatives using the templates on this site. | http://mason.gmu.edu/~mmankus/Handson/manipulatives.htm |
| Manipula Math Education and Technology International Education Software | The material presented is for middle school students, high school students, college students, and all who are interested in mathematics. Interactive programs that students can manipulate and a lot of animation that helps students to grasp the meaning of mathematical ideas. | http://www.ies.co.jp/math/java/index.html |
| National Library of Virtual Manipulatives | Every type of manipulative you would want – all for use by students on the Internet. From geoboards to algebra tiles to fraction squares, the site has manipulatives and games categorized by level and content area. | http://nlvm.usu.edu/en/nav/vlibrary.html |
| Shodor Math | This site is filled with interactivity from Pascal's Triangle to reading clocks to equivalent fraction finder. The online games and activities cover diverse content areas. | http://www.shodor.org/interactivate/activities/ |

EL CIVICS AND CITIZENSHIP

The Internet provides wonderful resources for the teacher in all areas of EL Civics and Citizenship. From online videos to sample citizenship tests to lesson plans to games to worksheets, the following websites are useful when developing lessons.

All websites reviewed November 2008.

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| Citizenship Games <i>Quia</i> | Quia is filled with games and activities for students. This site provides two games that can be used with adult students who are studying citizenship topics. | http://www.quia.com/shared/search |
| Citizenship Handbook | Updated handbook for 2008 test from the Catholic Immigration Network. Handbook has materials for use in the classroom and sample test items. | http://cliniclegal.org/Refugee/citzhandbook.html |
| Civics Education for Adult English Language Learners | Center for Adult Education Language Acquisition (CAELA), Center for Applied Linguistics (CAL) Comprehensive compilation of curricular and instructional resources for citizenship, English Literacy (EL)/Civics, and ESL instructors and tutors. Includes articles, reports, teacher reference books, learner textbooks, newsletters, links to national and regional organizations, policy information, listservs, and other resources. | http://www.cal.org/caela/esl_resources/collections/civics.html |
| Civic Participation and Citizenship Collection <i>New England Literacy Resource Center</i> | One of several online collections offered by the New England Literacy Resource Center. Provides annotated list of websites and original resources that address civics for ESL and adult basic education learners, citizenship preparation, professional development, research, and legislation. Includes citizenship teachers' reflections on classroom activities, resources for students, and materials for teachers. | http://www.nelrc.org/cpcc/prep.htm |
| Constitutional Rights Foundation, Online Lessons | Part of the Constitutional Rights Foundation website, offers free, online civics and citizenship | http://www.crf-usa.org/ |

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| Constitutional Rights Foundation (CRF) | lessons covering a range of topics, such as Foundations of Our Constitution. Each subject has several lesson plans, as well as links to other resources. Also includes access to current and archived editions of Bill of Rights in Action newsletter, with an option to sign up for a free subscription. | |
| DiscoverySchool.com | Designed by the Discovery Channel for K-12 teachers and students, this website can be adapted for use with adult ESL learners. Provides resources and lesson plans in a variety of content areas, including U.S. history. Examples of lesson plans include: Understanding Government; We the People: A History; The American Revolution; the Civil Rights Movement; Immigration to the United States; and World War II: Causes and Consequences. Offers accompanying videos for purchase and free lesson planning and puzzle-making tools. | http://school.discoveryeducation.com/ |
| EDSITEment "We the People" Lessons | The "We the People" initiative of the National Endowment for the Humanities aims to strengthen the teaching, study, and understanding of American history and culture. As part of this initiative, EDSITEment offers a full range of lesson plans for K-12 teachers on the important ideas, events and figures of American history, civics and government. | http://edsitement.neh.gov/special_features_view.asp?id=1 |
| EL/Civics Activities Packet | Colorado Department of Education, Spring Institute for Intercultural Learning, 2002 Developed for the Colorado Department of Education's Center for At-Risk Education, Adult Education, and Family Literacy, this comprehensive packet of activities includes EL/Civics competencies and teaching and assessment activities. Topics cover community services; consumer economics; | http://www.cde.state.co.us/cdeadult/ELCivicsAcPac.htm |

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| | employment and housing; health; and transportation/directions. Includes resources for each life skill area. Activities grouped by listening, speaking, reading/vocabulary, and writing skills. | |
| <i>EL Civics "How-To" Manual</i> | J. A. Napper and E. Rosenbaum, Bronx Community College and the City University of New York, 2003 Developed as part of the U.S. Department of Education's Civics Education Demonstration Project, this manual includes information on establishing and managing an EL/Civics program. It addresses goals and objectives, staffing, recruitment, student assessment and placement, staff development, student accountability, evaluation, curriculum development, and instructional strategies. Provides sample flyers, intake forms, self-assessments, lesson plans, and other helpful resources. Download/view PDF | http://www.bcc.cuny.edu/ELCivics/EL CIVICS HOW TO MAN UAL.pdf |
| ESL-Civics Curriculum Designed for Very Beginning ESL Learners | Illinois' Bright Ideas curriculum focuses on developing oral English communication skills and providing opportunities for learners to use these skills inside the classroom and outside in the community. Each unit contains step-by-step instructions for the teacher, lessons for the students, and visual support materials to facilitate learning for students who have few literacy skills in English and in the native language. Units may be downloaded free. | http://www.clese.org/brightideas_eslcurric.htm |
| EL/Civics Modules <i>City College of San Francisco, 2006</i> | Offers two EL/Civics modules: (1) Using Emergency Services and (2) Job Search Skills. Each provides a lesson plan, learning objectives, assessment strategies, suggested texts and units corresponding to the learning objectives, activity sheets that can be printed out for classroom use, and a list of the language competencies to be acquired via the | http://www.ccsf.edu/Resources/Teacher_Resource_Center/civics/modules.html |

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| | module. | |
| EL Civics Website for ESL Students | Created by an adult education teacher in Garden Grove, California, this website for students includes a picture tour of the Statue of Liberty, Washington, D.C., and the American Bald Eagle. It also has free downloadable worksheets and crossword puzzles. | http://www.elcivics.com/ |
| English Literacy/Civics Lesson Plan Index <i>Literacy Volunteers of America, Roanoke Valley</i> | Provides ready-to-use lesson plans on the following topics: Civics and Consumer Skills, Health, Employment, Technology, and Everyday English (which includes such topics as taxes, housing, utilities, family life, directions, verb tenses, and others). Lesson plans are introduced by a brief description and contain specific behavioral objectives, a timeframe, materials, classroom activities, and assessment tools. | http://www.lvarv.org/el-civics/NewLessonPlan%20Index.htm |
| History Channel | The History Channel® has developed a fun and engaging program called The Citizenship Quiz which has a video game, lesson plans, etc. for the 2008 Citizenship Test. | http://www.history.com/minisite.do?content_type=mini_home&mini_id=57028 |
| Immigration: Stories of Yesterday and Today <i>Scholastic Publishing</i> | This is a collection of online activities and lesson plans, as well as teachers' guides, for use in the classroom or independently by adult learners. These activities are sponsored by the Scholastic publishing company. | http://teacher.scholastic.com/activities/immigration/index.htm |
| New Naturalization Self Test for 2008 <i>U.S. Citizenship and Immigration Services, Office of Citizenship</i> | Test questions for the new test, flash cards, lessons, and more. All study tools are developed for immigrants applying for naturalization and for teachers and volunteers to use in the classroom. The flash cards reinforce learners' understanding of U.S. history and government. Flash cards and other materials can be easily downloaded from this website. | http://www.uscis.gov/portal/site/uscis/menuitem.eb1d4c2a3e5b9ac89243c6a7543f6d1a/?vgnnextoid=2de5bece24e7b110VgnVCM1000004718190aRCRD&vgnnextchannel=2de5bece24e7b110VgnVCM1000004718190aRCRD |
| Practitioner Toolkit: Working with Adult English Language Learners <i>National Center for Family Literacy</i> | Designed to support adult education and family literacy instructors serving adult English language learners and their families in rural, urban, and | http://www.cal.org/caela/tools/instructional/prac_toolkit.html |

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| <i>(NCFL) and the National Center for ESL Literacy Education (NCLE), Center for Applied Linguistics (CAL), 2004</i> | faith- and community-based programs. Toolkit provides guidance on lesson planning and instructional strategies and offers sample lesson plans, activities, and learner needs assessments. Features materials designed to help learners prepare for permanent residency and citizenship. | |
| Verizon Literacy Campus | Offers an array of free online courses on ESL, adult education, family literacy, volunteering, and program management topics. Citizenship: What Volunteers Need to Know (ProLiteracy Worldwide and the National Center for Family Literacy, 2004) is a course offering a step-by-step introduction to the naturalization process. Other relevant courses include Citizenship: Preparing Students for the Interview, and Citizenship: Teaching US Civics for the Exam. Also includes a library of online and print resources on related topics, including adult literacy, English language instruction, and family literacy. | http://www.literacycampus.org/Free-Online-Courses.28.0.html?&no_cache=1 |

TECHNOLOGY WEBSITES

The Internet is an incredible resource for teachers and for students. Technology is ever-changing and so are the websites. Please note that some of the technology sites are intended specifically for teachers to enhance their skills or obtain handouts that can be used in the classroom.

All websites reviewed January 2009

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| Critical Issues: Technology in Education | This directory of reports from the U.S. Department of Education's Northwest Central Regional Education Laboratory (NcREL) presents research-based papers on a variety of issues in educational technology, including the use of technology with students with special needs, providing professional development for effective technology use and more. | http://www.ncrel.org/sdrs/areas/te0cont.htm |
| Edutopia Online: The Big List on Technology Integration | The George Lucas Educational Foundation (GLEF) offers courseware modules, articles, interviews, professional organizations, and resources to show teachers how to weave technology into the curriculum. | http://www.edutopia.org/ |
| 4Teachers.org | A site for teachers who wish to teach with technology. Lots of lesson plans, ideas, articles, etc. In both English and Spanish. | http://4teachers.org/ |
| FingerJig | A six minute practice site gives all sorts of practice and gives a word per minute rate for students. | http://www.jonmiles.co.uk/fingerjig.php |
| Free Technology for Teachers | Richard Byrne provides a review of free technology resources and how teachers can use different ideas for technology integration in education. | http://www.freetech4teachers.com/ |
| Internet Archive | The Internet Archive, a 501(c)(3) non-profit, is building a digital library of Internet sites and other cultural artifacts in digital form. Like a paper library, we provide free access to researchers, historians, scholars, and the general public. | http://www.archive.org/index.php |

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| Keybr.com | Keybr.com is a fun typing test to check speed that uses non-sense words, as well as spacing. Shows speed and accuracy. | http://www.edzone.net/~mwestern/stuff.html |
| Learn to Type | A fun set of very basic keyboarding activities from the British Broadcasting Company. | http://www.bbc.co.uk/schools/typing/ |
| NetLingo | With more than 82 million people texting regularly, it's no wonder you've seen this cryptic looking code! Commonly used wherever people get online -- including IMing, SMSing, cell phones, Blackberries, PDAs, Web sites, games, newsgroup postings, in chat rooms, on blogs -- these abbreviations are used by people to communicate with each other. The actual definition of an acronym and text shorthand is here. | http://www.netlingo.com/emailsh.cfm |
| Nimble Fingers | Online typing test tutorials will help you learn the basic keystrokes. These typing tests require Java 1.1 to load. Each topic contains multiple exercises. | http://www.nimblefingers.com/ |
| Online Typing Games | Fun games to improve your typing scores. If students register, it keeps track of their scores. | http://freeonlinetypinggames.com/ |
| TechDictionary | A dictionary of technical terms, updated on an ongoing basis. | http://www.techdictionary.com/chat.html |
| ISTE's Journal of Research on Technology in Education | Read abstracts from some of the latest studies in educational technology, including those addressing wireless technologies, online collaboration, pedagogical issues and more. Abstracts include details on methodology and contact information. JRCE is published quarterly. | http://www.iste.org/jrte/ |
| Research Center for Educational Technology (RCET) | The RCET at Kent State University was founded to provide a network for university researchers and K-16 educators committed to studying the impact of technology on teaching and learning. The Web site | http://www.rcet.org |

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| | contains links to research, publications, including the Journal of the Research Center for Educational Technology, and more. | |
| Senselang.com | Links to different free keyboarding websites. | http://www.senselang.com/ |
| Super Hyper Spider | Type in the words before the spider drops. Fun activity for keyboarding. | http://funschool.kaboose.com/fun-blasters/back-to-school/games/game_super_hyper_spider_typer.html |
| Tammy's Technology Tips for Teachers | A personal website by Tammy Worcester, an Instructional Technology Specialist, which has lots of ideas and tips for teachers on how to integrate technology. | http://www.tammyworcester.com/Tips/Tammys_Technology_Tips_for_Teachers.html |
| Teach-nology | Lot of lesson plans, as well as some online activities for the teaching of technology in the classroom. | http://www.teach-nology.com/teachers/lesson_plans/computing/ |
| Ten Finger Breakout | 10 Finger BreakOut is a REAL arcade game, in which you are escaping from invaders, shooting and trying to hit balls. This is no fake - you are playing BreakOut ! (You are not just typing characters). With this free typing game you WILL have fun, but don't worry, by playing 10 Finger BreakOut you sure will be learning to type. Improve your typing skills with this free typing tutor - typing game! | http://www.touch-typing-tutor.com/10FingerBreakOut-FreeTypingGame.htm |
| T.H.E. Journal | T.H.E. Journal is dedicated to informing and educating K-12 senior-level district and school administrators, technologists, and tech-savvy educators to improve and advance the learning process through the use of technology. The Web site provides links to online issues of the magazine, e-newsletters, a searchable database of education technology resources, and more. | http://www.thejournal.com/ |

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| The Journal of Interactive Online Learning | This journal of theory, research, and practice in interactive online learning is a quarterly publication of the National Center for Online Learning Research. It contains critical essays, manuscripts, and reviews that provide disciplinary and interdisciplinary perspectives related to higher-level learning outcomes. | http://www.ncolr.org/jiol/ |
| 3D Writer | If you are looking for a simple to use, no frills, html editor with an unbelievably small foot print, 3DWriter is for you. It's free and easy to use. | http://www.3dwriting.com/ |
| Threshold in the Classroom | Online technology magazine published in conjunction with George Lucas | http://www.ciconline.org/threshold |
| TILT - Teachers Improving Learning with Technology | Free how to videos on all different areas from teachers for teachers. | http://tilttv.blogspot.com/ |
| Tidy the Classroom | Students practice using the mouse and following directions to tidy the classroom. | http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks1/ict/mouse/ |
| Treasure Dive. | A fun game to develop typing skills. | http://gamesloth.com/games/Treasure_Type |
| Typing Invaders | Typing Invaders is a REAL arcade game, in which you are escaping from invaders, shooting and trying to hit invaders. This is no fake - you are playing space invaders! (You are not just typing characters). With this free typing game you WILL have fun, but don't worry, by playing Typing Invaders you sure will be learning to type. Improve your typing skills with this free typing tutor - typing game! | http://www.touch-typing-tutor.com/TypingInvaders-FreeTypingGame.htm |
| U. S. Speller | U. S. Speller is a free online spelling tutor and game with powerful features. | http://www.uspeller.com/ |
| Webopedia | An encyclopedia of text messaging abbreviations and emoticons. Updated consistently. | http://www.webopedia.com/quick_ref/textmessageabbreviations.asp |

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| Working Simulations | An interactive office simulation for practicing 21st century workplace skills. This site is really neat! | http://www.workingsimulations.com/theOffice.html# |
| Workplace Basic Skills | A free site containing workplace basic skills information, tools and advice for employers who want to raise their employees' skill levels. This site was developed by The Conference Board with funding from the U.S. Department of Education. | http://www.workplacebasicskills.com/begin.htm |
| Unabridged Instant Text Message Dictionary | An instant text messaging dictionary which adds new acronyms. | http://www.net-comber.com/acronyms.html |

OTHER WEBSITES FOR THE CLASSROOM

Scavenger Hunts

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| Alfred Hitchcock Scavenger Hunt | | http://www.geocities.com/Athens/Parthenon/8565/Film/hitc h.html |
| Education World: Searching for Treasure on the Internet | Includes reasons for using scavenger hunts and a sampling of scavenger hunts for different levels and content areas. | http://www.educationworld.com/a_curr/curr113.shtml |
| Internet Hunt Activities | This site was developed by Cindy Ohora and includes a wide variety of scavenger hunts. Educators may link to the site to access the materials. | http://homepage.mac.com/cohora/ext/internethunts.html |
| Scavenger Hunts for Secondary Education | Master list of links to scavenger hunts designed for 6-12 with many of them appropriate for adult students in ABE and GED programs. | http://www.pitt.edu/~poole/secedScavenger.html |
| TechTrek's Scavenger Hunts | This site was developed for teachers and includes a comprehensive list of scavenger hunts from many different content areas. Covers grades K-8 but has many hunts that would be appropriate for adult learners. | http://www.techtrekers.com/scav.htm |
| High School Technology Integration Site | Excellent resources from four content levels. Great links. | http://www.techtrekers.com/hs.htm |
| The Connected Classroom | This site provides information on developing scavenger hunts as well as different types of templates. Good information but unfortunately some of the links no longer work. | http://www.qesnrecit.qc.ca/cc/inclass/scavenge.htm |
| Using Scavenger Hunts | Developed by Spartanburg District 3 Schools, this site includes templates and sample scavenger hunts. | http://www.spa3.k12.sc.us/Scavenger.html |

WebQuests

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| A WebQuest About WebQuests | This site was developed by Bernie Dodge, from San Diego State University. Bernie Dodge is considered the “guru” of WebQuests. | http://webquest.sdsu.edu/webquestwebquest-hs.html |
| Best WebQuests.Com | This site developed by Tom March, Inc. evaluates WebQuests and provide access to a large number of excellent WebQuests. The site also provides strategies for developing great Webquests. | http://bestwebquests.com/ |
| Kathy Schrock’s Guide for Educators | Provides an overview and links to WebQuests from Kathy Schrock at Discovery School. | http://school.discovery.com/schrockguide/webquest/webquest.html |
| QuestGarden 1.0 | This site enables you to build and host your own WebQuest. Registration is required, but free. | http://webquest.org/questgarden/author/ |
| Technology and Learning | <i>How to Succeed with WebQuests</i> . An excellent article and provides a link to a great high-level WebQuest entitled Snapshot in Time. | http://www.techlearning.com/db_area/archives/WCE/archives/adampary.htm |
| The Student WebQuest | Research article on the use of WebQuests. | http://www.lesley.edu/faculty/myoder/webquest.pdf |
| The WebQuest Page | This site provides access to numerous WebQuests as well as technical information on developing WebQuests. | http://webquest.sdsu.edu/ |
| WebQuest Search Page | Search by content area and grade level. Thousands of WebQuests are accessible through the site. | http://webquest.org/ |

JEOPARDY GAMES AND OTHER TEMPLATES TO GET YOU STARTED!

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| Games for the Science Curriculum: The Sourcebook for Teaching Science | Templates for Jeopardy, 21 Questions, Science Bingo, and more. | http://www.csun.edu/~vceed002/ref/games/ |
| Jefferson County Schools InterActive Websites | Excellent school site with lots of games, PowerPoints, and activities that provide standards-based cross curricular web resources designed to enhance online learning opportunities. | http://jc-schools.net/tutorials/interactive.htm |
| Jeopardy Games and Templates Hardin County Schools | This site continues to grow with different games that can be used in the classroom, as well as templates. | http://www.hardin.k12.ky.us/res_techn/countyjeopardygames.htm |
| Jeopardy Games Created by Teachers | Lots of links to different games created by teachers. Games and templates can be downloaded for use in the classroom. | http://www.elainefitzgerald.com/jeopardy.htm |
| Jeopardy, Hollywood Squares, Who Wants to Be a Millionaire! Fayette County Public Schools. | Another set of templates and games from the Fayette County Public School. | http://teach.fcps.net/trt10/PowerPoint.htm |
| Science PowerPoint Games and Presentations Jefferson County Schools, Dandridge, TN | Besides templates, this site also has science games and PowerPoint presentations. | http://jc-schools.net/PPTs-science.html |