

Interactive Websites for Teaching and Learning

General	
PreK-1	<p>Raylit http://www.raylit.com/ Fun learning educational games, videos, and activities</p>
Pre K – 6	<p>Gamequarium http://www.gamequarium.com/ Pre K - 2 and 3 – 6 games and other learning tools</p>
Pre K – 12	<p>Interactive Websites for Grades Pre K – 12 http://jc-schools.net/tutorials/interactive.htm Lots of interactive sites for various curricular areas</p>
K-8	<p>Mr. Nussbaum http://www.mrnussbaum.com/ Interactive Games organized by skill set</p>
K-12	<p>Brain Pop http://www.brainpop.com Animated educational movies for all subjects Some Free, most require a subscription</p>
K-12	<p>Internet for Classrooms (I4C) http://www.internet4classrooms.com/k12links.htm</p>
K-12	<p>Jeopardy Template http://teach.fcps.net/trt10/PowerPoint.htm Directions for creating a Jeopardy Template; also has Hollywood Squares and Who Wants to be a Millionaire</p>
K-12	<p>Pete’s PowerPoint and Greta’s Games http://www.pppst.com/index.html A collection of ready-to-use PowerPoint Slideshows and interactive games for all subjects</p>
K-12	<p>Utah Education Network - http://www.uen.org/k-2interactives/index.shtml http://www.uen.org/3-6interactives/ http://www.uen.org/7-12interactives/ Sets of interactive Websites set up by grades and subject areas</p>
K-12	<p>Parade of Games in PowerPoint http://facstaff.uww.edu/jonesd/games/ Games and templates to create review-style PowerPoint presentations</p>
K- 6	<p>Elementary Web Sites http://www.owen.kyschools.us/TRT/elementarywebsites.htm List of interactive websites by content area</p>
2-12	<p>Interactives http://www.learner.org/interactives/ Strategies, content, and activities that can enhance and improve students' skills in a variety of curricular areas.</p>



General

2-6	<p>Arcademic Skill Builders: Online Educational Video Games http://www.arcademicskillbuilders.com/ 21 games for math and language arts skills</p>
4-12	<p>Quia http://www.quia.com/web Instructional activities archive in 300 categories. Access the shared activities area for free</p>
6-12	<p>Games for the Brain http://www.gamesforthebrain.com/ Offers a variety of trivia games, word games, geography games, and puzzles in thirty languages</p>
7-12	<p>Discovery Channel – Cash Cab Quizzes http://dsc.discovery.com/fansites/cashcab/quizzes/quizzes.html Test trivia knowledge</p>
9-12	<p>Examville http://www.examville.com/index.jsp Online resource for preparing for standardized tests, full-length SAT, GRE, GMAT, and LSAT practice tests</p>

Science

K-8	<p>Pest World for Kids http://www.pestworldforkids.org/index.html Educational games, science fair projects on pests and rodents</p>
K-8	<p>Planet Science http://www.planet-science.com/home.html Activities, games, and lesson plans</p>
1-8	<p>Gizmos Interactive Math and Science http://www.explorellearning.com/ Free trial available, requires a subscription</p>
1-8	<p>Science Games http://www.sheppardsoftware.com/science.htm Interactive games for science, such as Chemistry, Astronomy, Health & animals</p>
6 - 12	<p>Your Weight on other Worlds http://www.exploratorium.edu/ronh/weight/index.html Calculate your weight on other planets, links to other astronomy sites</p>
6-12	<p>Cells Alive http://www.cellsalive.com/aboutus.htm Animations, videos and interactive quizzes on cells</p>
6-12	<p>ISAW – Interactive Science Activities on the Web http://www.bridgewater.edu/~rbowman/ISAW/ Try out the free activities about interactive visualizations of science concepts. While designed primarily for high school and college students, this website is a terrific resource for anyone interested in science</p>



Science

8 – 12	Human Anatomy Online http://www.innerbody.com/index.html Animations, graphics and descriptive links for learning about human anatomy
9 - 12	The Physics Classroom http://www.physicsclassroom.com/ A high school physics tutorial and multimedia studio
9- 12	Periodic Table http://www.periodictable.com/ http://www.touchspin.com/chem/DisplayTable.html http://www.dayah.com/periodic/ Interactive Periodic Tables

Language Arts

K-12	Vocabulary Games http://www.sheppardsoftware.com/web_games_vocab.htm Games, quizzes, and printable word lists; improve SAT vocabulary skills
K-12	Spelling City http://www.spellingcity.com/ Games and allows students to type a word and hear it pronounced
K-2	Starfall http://www.starfall.com/ Activities to help children learn to read
K-6	Interactive Websites for Reading and Language Arts http://www.globalclassroom.org/2005/in-service/reading.html Contains a Hotlist for Reading and Language Arts sites
K-6	Kids Spell http://www.kidsspell.com/ 8 free games to learn to spell over 6,000 words
K-8	Reading is Fundamental (RIF) http://www.rif.org/educators/activities/online.msp Take your class on a reading adventure and access fun activities, lesson plans, articles and Web resources
1-8	Pick a Word-Vocabulary Quiz http://www.scholastic.com/kids/homework/quiz_word.htm Practice identifying homophones
1-8	The Neverending Tale http://www.coder.com/creations/tale/ Check out this choose-your-own-path story site where readers can add to stories which encourage independent learning of reading and writing
2-5	GrammarBlast http://www.eduplace.com/kids/hme/k_5/quizzes/ 35 interactive grammar activities



Language Arts

2-6	Maggie's Learning Adventures http://teacher.scholastic.com/activities/adventure/ 5 grammar activities
3-12	Catch the Spelling http://www.manythings.org/cts/ 2 dozen categories of spelling games
3-5	GamesGames.com http://www.gamesgames.com/games/spelling/spelling.html 16 free spelling games
3-5	Grammar Practice Park http://www.harcourtschool.com/menus/preview/harcourt_language/grammar_park.html 12 games
3-6	Spin and Spell http://www.spinandspell.com/ Game asks students to select a picture and then spell the name of the item
4-6	Grammar Ninja http://www.kwarp.com/portfolio/grammarninja.html Fun game to learn the parts of speech
6-12	BBC – Skillswise http://www.bbc.co.uk/skillswise/words/grammar/ 21 spelling and grammar activities
7 - 12	The Imagination Prompt Generator http://www.creativity-portal.com/prompts/imagination.prompt.html Randomly generates prompts for a fictional story
7 - 12	Write Rhymes http://www.writerhymes.com/ Find rhyming words for creative writing or poem assignments
7 - 12	Writing Fix http://writingfix.com/classroom_tools/dailypromptgenerator.htm Random writing prompt generator and other resources for teaching writing
7 – 12	The Story Starter http://www.thestorystarter.com/ Randomly generates story starter sentences

Math

K-12	A Plus Math http://www.aplusmath.com/ Check out this online resource designed to help students improve their math skills interactively with the use of flashcards, worksheets, puzzles and a game room
K-12	AAA Math http://www.aaamath.com/ Interactive practice for math problems; games and resources



Math	
K-12	<p>ArithmAttack http://www.dep.anl.gov/aattack.htm Download the free ArithmAttack program and test your math skills with these computer generated arithmetic problems</p>
K-12	<p>Cool Math http://www.coolmath.com/ Math games and lessons</p>
K-12	<p>Internet 4 Classrooms (I4C) http://www.internet4classrooms.com/math.htm Access games to enhance math skills with interactive practice for every kind of math problem</p>
K-12	<p>National Library of Virtual Manipulative http://nlvm.usu.edu/en/nav/vlibrary.html Fun math activities that can be selected by grade level and math skills</p>
K-12	<p>NCTM: Illuminations http://illuminations.nctm.org/ActivitySearch.aspx Explore this website's extensive listing of lessons, standards, tools and Web resources compiled by the National Council of Teachers of Mathematics</p>
K-12	<p>Number Line Tool http://www.mathsonline.co.uk/freesite_tour/resource/whiteboard/decimals/dec_notes.html</p>
K-5	<p>Interactive Number Line http://www.oup.com.au/_data/assets/file/0019/154045/Numberline.swf</p>
K-6	<p>Interactive Math Games/activities http://www.sheppardsoftware.com/math.htm</p>
3-6	<p>Ghost Blasters – Math Blasters http://www.oswego.org/ocsd-web/games/Ghostbusters1/gbcd.html Game to practice and develop multiplication and division skills</p>
4-7	<p>Who Wants Pizza? http://math.rice.edu/~lanius/fractions/index.html Fun, interactive website for learning about fractions</p>
5-9	<p>Math Moves U http://www.mathmovesu.com/ Video game for practicing math skills</p>
6 - 12	<p>Create a Graph http://nces.ed.gov/nceskids/createAgraph/ Fill in data to create a graph</p>
6-12	<p>Mathway http://www.mathway.com/default.aspx Help on learning how to solve math problems step by step</p>



Math	
7-12	eMathematics – Interactive Math Exercises http://www.emathematics.net/index.php
9-12	Trigonometry Game http://www.kwarp.com/portfolio/trigspinner.html Helps students learn the 16 most important angles in the sine, cosine, and tangent functions
Social Studies	
K-12	Ben's Guide to U.S. Government for Kids http://bensguide.gpo.gov/ Games categorized by grade range
K-12	Google Earth http://earth.google.com/ Free download of 3D globe/map
K-12	PBS Online http://www.pbs.org/teachers/socialstudies/ Search for lesson activities by subject and grade level
K-12	Pearson/Scott Foresman http://sfsocialstudies.com/index2.html# Links, games, activities, and lesson plans for most social studies topics
K-12	Visual Geography http://www.visualgeography.com/ Images, information, and quizzes sorted by continent
K-6	GeoNet http://eduplace.com/geonet/index.html Great warm-up activities for geography: U.S., World, and the 5 themes of Geography
K-8	Jefferson County Schools http://classroom.jc-schools.net/SS-units/maps.htm Maps and activities for geography and history
1-8	History Quizzes http://www.sheppardsoftware.com/history.htm Interactive U.S. history quizzes, world & U.S. geography
1-12	Library of Congress http://www.loc.gov/index.html Great site for historical documents and history of America; some interactive
1-12	National Geographic http://www.nationalgeographic.com/ Interactive site with activities, games, maps, and more
1-12	The History Channel http://www.history.com/ Good site for research, videos, images from history



Social Studies

2-6	Reach the World – Interactive Geography Activities http://www.reachtheworld.org/geogames/index.html Interactive Map Game
3 - 6	What's in the Wagon http://library.thinkquest.org/CR0210182/supplies.html ThinkQuest activity about the Oregon Trail
5-9	Find Geography http://findcountry.appspot.com/ Simple Map Game
6-9	Statetris – Tetris for Maps http://www.mapmsg.com/games/statetris/usa/ Game for learning geography
6-12	National Geographic Atlas Puzzles http://ngm.nationalgeographic.com/map/atlas/puzzles Assemble continent map puzzles
9-12	Stat Planet http://www.sacmeq.org/statplanet/StatPlanet.html Create thematic maps based on a variety of development indicators

Music

K-6	Arts Alive http://www.artsvivants.ca/en/mus/activitiesgames/
K-6	Classics for Kids http://www.classicsforkids.com/games/compose/compose.html Compose Your Own music is fun, clear directions. Great for students to do on their own or as a class
K-6	Classics for Kids – The Note Name Game http://www.classicsforkids.com/games/notename/notename.html
K-6	Dallas Symphony Orchestra - DSO Kids http://www.dsokids.com/2001/rooms/musicroom.asp
K-6	Freaky Frank's Music Machine http://www.paulysplayhouse.com/paulys_playhouse/lab_games/franky.html
K-6	Sphinx Kids! http://www.sphinxkids.org/
K-6	Thumb Piano Tunes http://pbskids.org/africa/piano/haveflash.html PBS Thumb Piano is great for multicultural or world music



Music

K-6	Virtual Keyboard http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks2/music/piano/index.htm It's a Virtual keyboard from the Birmingham Grid for Learning that can simulate nine different instruments and can even play back chords.
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Art

K-6	Art Pad http://artpad.art.com/artpad/painter/
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K-6	National Gallery of Art – in Washington D.C. http://www.nga.gov/
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