

Brain Teasers http://www.hoagiesgifted.org/brain_teasers.htm

Games

<http://www.theproblemsite.com/> - Solve a variety of problems here.

<http://www.enchantedmind.com/puzzles/pentamino/pentamino.html>

An exercise in visual spatial relationships and memory. Once you have accomplished it with the black squares in one place, then move the black square around and try again. This puzzle exercises the right brain very effectively.

<http://www.mrnussbaum.com/> - This site is filled with games that will give you practice in skills you're learning at school. They're fun, too!!

<http://www.schooltimegames.com/> - SchoolTimeGames.com offers fun learning activities for students, ages 9 and up. There are a variety of engaging games, puzzles, and activities that are connected to major subject areas in today's school curriculum.

<http://www.funbrain.com/> - A potpourri of educational games, etc. Try it - it's fun!

<http://www.setgame.com/> - This is one of my all time favorite games - and it's for all ages. You can purchase it at Barnes and Noble. There are other games on this website that you'll enjoy.

Math

<http://edte.ch/blog/maths-maps/>. When it comes to creative uses of Google tools, Tom Barrett is the leader – see [Math Maps](#). [Math Maps](#) - Google Maps on which Tom and others have created placemarks which when clicked reveal mathematics questions for students to answer based on the maps. There are questions available for every elementary school grade level. The placemarks are color-coded to indicate the level of the questions. Blue = Kindergarten, Red = 1st grade, Green = 2nd grade, Light Blue = 3rd grade, Yellow = 4th grade, Purple = 5th grade. Visit [Tom Barrett's Math Maps page](#) to view the existing Math Maps and read about how to contribute to the existing Math Maps.

[Math Open Reference](#) is a free online reference for geometry teachers and students. [Math Open Reference](#) features animated and interactive drawings to demonstrate geometry terms and concepts. The table of contents on [Math Open Reference](#) is divided into four basic categories; plane geometry, coordinate geometry, solid geometry, and function explorer tools. Click on any subject in the first three categories to find definitions, examples, and interactive drawings. In the function explorer category users can select linear functions, quadratic functions, or cubic functions to explore how changes in variables affect the graphed output.

more Math ...

[Learn Your Tables](#) is a neat little site for students to use to learn and develop multiplication skills. The site offers two basic games on two different levels. The most basic game is a simple drag and drop activity in which students match equations to their correct answers. The more "advanced" game has students enter the correct answer to a multiplication question. The easier of the two levels only contains problems from one multiplication table while the more difficult level contains problems from multiple multiplication tables.

-[Brain Nook](#) is a virtual world in which students can practice their mathematics and English skills. [Brain Nook](#) provides students with a series of scenarios that they have to resolve by answering mathematics and language arts questions. Brain Nook presents students with questions based on their skill levels which is determined by a quick pre-assessment and adjusted as they progress through Brain Nook's virtual worlds. The site is free, but there is a required login. The child is required to provide a parent's email. Once the parent confirms, the student can proceed with the game.

<http://www.algebrahelp.com/> - If you need an algebraic concept explained, you might just find some answers here.

<http://www.coolmath4kids.com/> - Cool math 4 kids is an amusement park of math and more - especially designed for fun!

<http://www.mathplayground.com/> - an action-packed site for elementary and middle school students. Practice your math skills, play a logic game and have some fun!

<http://www.coolmath.com/> - For pre-algebra and up (ages 13-100)

<http://www.aaamath.com/> AAA Math features a comprehensive set of interactive arithmetic lessons. Unlimited practice is available on each topic which allows thorough mastery of the concepts. A wide range of lessons (kindergarten through eighth grade level) enables learning or review to occur at each individual's current level. Try the lesson pages by clicking on one of the grades at the top or a topic area on the left side of the page.

Language Arts

<http://www.knoword.org/> - Knoword is a fun and challenging game that tests your ability to match definitions to words. To play, you're presented with the first letter of a word, its part of speech, and the definition. You then have to fill in the correct spelling of the word. If you enter the correct word, you earn points. If you don't get it right, you lose points. Registering isn't required, although by registering for you have the option to keep track of your game statistics. Registered users can also earn badges based on their performances. Knoword is probably best suited to use by students in middle school and high school although upper elementary students with a very high vocabulary may find it beneficial.

<http://www.gigglepoetry.com/> - A fun site dealing with **poetry**.

<http://www.kristinegeorge.com/> - (elementary and middle school students) This site promotes poetry and activities involving poetry for children along with information about the books of **Kristine George**.

<http://www.shelsilverstein.com/> - (elementary) Listen to **Shel Silverstein's** poems, play games, and download puzzles.

<http://www.pilkey.com/> - (elementary) Author and illustrator **Dav Pilkey's** site (*The Paperboy*, *Kat Kong*, and *Dogzilla*).

<http://www.janbrett.com/> - (primary/elementary) activities from author, **Jan Brett**.

<http://lauranumeroff.com/> - (primary) **Laura Numeroff**, author of *If You Give a Mouse a Cookie*.

http://www.audreywood.com/mac_site/clubhouse/clubhouse_page/clubhouse.htm (primary/elementary) Information about **Audrey and Don Wood**, activities, and Q & A.

<http://www.robertmunsch.com/> (elementary) Find unpublished works here along with audios of some of **Robert Munsch's** stories.

<http://www.europeoftales.net/> (elementary) Online **European myths and legends** for children (in eight different languages, including English and French).

<http://www.bartleby.com/index.html> (middle/high) A growing collection of **full text reference works** including dictionaries, encyclopedias, gazetteers, and style manuals in addition to works of poetry, folk and fairy tales, essays, and classic fiction. Look on the right side bar for the drop down box to select the work.

<http://www.pemberley.com/janeinfo/janeinfo.html> (middle/high) Lots of information about **Jane Austen** and her works.

more Language Arts ...

<http://etext.virginia.edu/railton/> (elementary/middle/high) A site focusing on how **Mark Twain** and his works were created and defined, marketed and performed, reviewed and appreciated.

<http://www.folger.edu/template.cfm?cid=588> (elementary/middle) Learn about **Shakespeare** by puzzles, quizzes, and learning new words.

<http://www.timelesshemingway.com/> (middle/high) Offers photos, FAQ's, a family tree, trivia, and links related to the famous American author, **Ernest Hemingway**.

<http://library.thinkquest.org/> (middle/high)

<http://www.americanfolklore.net/> (middle/elementary) This **folklore** site contains retellings of American folktales, Native American myths and legends, tall tales, weather folklore and ghost stories from all 50 states. Includes famous characters like Paul Bunyan, Pecos Bill, Daniel Boone, and many more.

<http://www.berenstainbears.com/> (primary) This official **Berenstain Bears** site includes activities and lists of books.

<http://www.peterrabbit.com/home.asp> The official and definitive site on the world of Beatrix Potter. Potter's favorite characters and other aspects of her work can be viewed at a wide selection of art exhibitions, theatrical performances, displays and local events.

Girls

<http://www.americangirl.com/fun.html> (elementary/middle) **American Girl's** website with games and activities from the stories told through the eyes of girls living in different time periods.

Sites with articles for children:

<http://www.timeforkids.com/TFK/>

<http://www.nationalgeographic.com/>

<http://kidshealth.org/kid/>

Science Sites

<http://www.maryjorhodes.com/> - (elementary/middle) Author Mary Jo Rhodes' website includes books, websites and activities on undersea animals.

<http://www.sciencebuddies.org/> Visit this website to learn how to do a science experiment and to find many ideas for science experiments. All of the science experiments are rated on a scale of 1-10 according to difficulty. Free science fair project ideas, answers and tools for serious students

The Arts

Classics for Kids - <http://www.classicsforkids.com>

Do you know students who are interested in composing their own music? Who want to know more about the different instrument families? Who need to get those musical periods down once and for all? On this site, students can search composers by musical period, by country, or browse for a particular composer on a timeline. One link allows visitors to listen to entire movements of famous pieces by Bach, Beethoven, Mozart, Mendelssohn, and more. A musical dictionary might come in handy for those cryptic musical terms. There also are games to play, including Compose Your Own Music and Rockin' Rhythm Master.

Music and Musicians Database –

<http://www.laphil.com/philpedia/musicians-database.cfm>

Brought to you by the Los Angeles Philharmonic, browse music by title or composer; search for biographies of composers, conductors, musical artists, or even Los Angeles Philharmonic musicians. When conducting a search by composer, it displays upcoming performance dates at Walt Disney Concert Hall featuring that person's pieces. Includes audio samples of various musical works.

Willard Wigan Micro Sculptures - <http://www.willard-wigan.com/default.aspx>

Read about this artist who creates sculptures of such small proportions that you need a microscope to see them. Each piece typically sits within the eye of a needle or on a pinhead. As a creative outlet to deal with dyslexia at school, Willard started making minute pieces of art from the age of 5. This site features a gallery of his work.

High School

SAT Question of the Day - <http://apps.collegeboard.com/qotd/question.do>

It's not too early to start practicing for the SAT! The College Board supplies a daily practice question to help students prepare for the test. There is a link to a hint for those who are stumped. Students can see how they compare with everyone else who tried this item, track their own statistics and print practice questions.

Museums

The Smithsonian for Students - <http://smithsonianeducation.org/students>

If the movie *Night at the Museum: Battle of the Smithsonian* whetted your appetite to learn more about the Smithsonian Museum collection, then this site will get you even more excited about the museum's 142 million objects, including everything from fossils to tapestries. Find profiles of presidents, a "Walking on the Moon" Apollo 11 mission page, and some of the Smithsonian's collections as well as tips for starting your own collection. The *Secrets of the Smithsonian* features behind-the-scenes secrets such as the history of the Hope Diamond and even spiders in space!

Awards

<http://aalbc.com/books/related.htm> **Coretta Scott King Awards** - presented annually by the American Library Association to honor African-American authors and illustrators who create outstanding books for children and young adults.

<http://www.ala.org/ala/mgrps/divs/alsc/awardsgrants/bookmedia/caldecottmedal/caldecottmedal.cfm> - The **Caldecott Medal** was named in honor of 19th century English illustrator Randolph Caldecott. It is awarded annually by the Association for Library Service to Children, a division of the American Library Association, to the artist of the most distinguished American picture book for children.

<http://www.ala.org/ala/mgrps/divs/alsc/awardsgrants/bookmedia/newberymedal/newberymedal.cfm> - The **Newbery Medal** was named for 18th century British bookseller John Newbery. It is awarded annually by the Association for Library Service to Children, a division of the American Library Association, to the author of the most distinguished contribution to American literature for children.