



## PARENTS & CHILDREN: PARTNERS IN EDUCATION



### *Website Links*

***\*IMPORTANT INTERNET SAFETY TIPS: Never allow your child to surf on the internet without adult supervision. Websites may change URL's, (website addresses). Hackers can also "pirate" even upstanding websites, and your child should have constant supervision.***

***Supervision is fun as well - because we guarantee that you, too, will learn from these excellent online resources. By working together, you and your child engage in dialogue & learning together; - which makes learning FUN!!!***

# Parents & Children: Partners in Education

**T**his listing includes a number of websites that are based on categories of interest for children. If you have any additional websites that you would like to share with us, please email them to [naderandamy@yahoo.com](mailto:naderandamy@yahoo.com)

## GENERAL REFERENCE

- 1 <http://data-dpi.state.wi.us/data/selschool.asp> tracks how well students tested relative to the State of Wisconsin, other districts, or other schools in the Neenah Joint School District.
- 2 <http://ala.org/gwstemplate.cfm?section+greatwebsites&template=/cfapps/gws/default.cfm> WOW!!!!
- 3 <http://thinkquest.org/library/> an absolutely fascinating thinktank from Oracle
- 4 <http://en.wikipedia.org> an excellent free resource for investigating just about anything! (We used it to determine what the longest river in the world was in settling a dispute!)
- 5 <http://awesomelibrary.com> A directory aimed specifically at K-12 students, this site offers over 15,000 resources in areas students research most often.
- 6 <http://kidport.com/default.htm> alternative flashcards, worksheets, games, etc. under many different learning topics.
- 7 <http://howstuffworks.com> tells you how almost anything works, from web pages to telephones.
- 8 <http://megaconverter.com/mega2/> megaconverter...if you need to convert pounds into tons, inches into meters, or degrees Celcius into Fahrenheit, this is the site for you. It's fast and easy!
- 9 <http://nytimes.com/library/tech/reference/cynavi.html> you may have to register to use this home site of the reporters of the New York Times, but it's free, and well worth it. Every research tool you'd ever want is here from search engines to magazines and newspapers, government statistics and documents, sports info, and more. Be careful... you could stay here for hours!
- 10 <http://specialissues.com/10/> Price's list of lists. A comprehensive group of lists on subjects ranging from the Fortune 500 to the best colleges.
- 11 <http://iTools.com/research-it/> This is it... your one stop shop for research, which includes dictionaries, thesauruses, translation tools, biographical dictionaries, Bartlett's Quotations, maps, the yellow pages, along with much more.
- 12 <http://www.ncrtec.org/picture.htm> The Amazing Picture Machine...Need images for a report or presentation? This is the place for you. Created by the North Central Regional Educational Laboratory, this is a massive collection of kid-safe images. A great pre-screened archive.
- 13 <http://www.americaslibrary.gov/cgi-bin/page.cgi> a site about the 50 states and America's past.
- 14 <http://brarydog.com/department.asp?deptid=4> Brarydog homework help; web companion for kids and parents, available in English and Spanish; crafts, science, flags, and more.
- 15 <http://enchantedlearning.com> excellent primary introduction with projects, worksheets, crafts, storybooks, coloring pages, etc.
- 16 <http://factmonster.com> for those who love to get their facts straight...
- 17 <http://ithaki.net/> a metasearch engine with kids section for kids ages 10-12.
- 18 <http://sikids.com/> Sports Illustrated for Kids.

## MATH

- 1 [http://www.mathworks.com/academia/student\\_center/index.html](http://www.mathworks.com/academia/student_center/index.html) accelerating the pace of engineering & science.
- 2 <http://aplusmath.com> free on-line flashcards or worksheets, etc.
- 3 <http://mazeworks.com> fantastic puzzles and games that grow in challenge!
- 4 <http://www.pasd.wednet.edu/school/mathWASL> a sample test for kids in grade school out of Washington State.
- 5 <http://counton.org/links/studentresources> more links and a good website for kids and math.
- 6 [http://maa.org/editorial/mathgames/mathgames\\_03\\_28\\_05.html](http://maa.org/editorial/mathgames/mathgames_03_28_05.html) a zillion abstract math connection games.

# Parents & Children: Partners in Education

## MORE MATH

- 7 <http://forum.swarthmore.edu/dr-math/> a program of Swarthmore College, where K<sup>12</sup> students can send math questions to be answered. Includes an archive and a math library.
- 8 <http://allmath.com> links to great math materials on the web, including fun and games, kid references, math articles, help, and teacher resources.
- 9 <http://curiousmath.com> tips, tricks, tools, and entertainment with math.
- 10 <http://mathforum.com/class2class/> a clearinghouse of collaborative projects, data collecting experiments, peer tutoring, and keypal exchanges designed to enhance the mathematics in your math, science, and interdisciplinary curricula.
- 11 <http://www.c3.lanl.gov/mega-math/index.html> developed by Los Alamos National Laboratory, this is a collaboration with teachers, students, and parents to bring important mathematical ideas to students. Creative and fun!
- 12 <http://webmath.com> find the type of math you need help with, and then follow the instructions -- help with everything from fractions to algebra.
- 13 <http://dmoz.org/science/math/education/> find the type of math you need help with, and then follow the instructions -- help with everything from fractions to algebra.
- 14 <http://math.uic.edu/~imse/IMSE/MTB/links.html> math trailblazer - links to other interesting math sites.
- 15 <http://edinformatics.com/mathmo/> mathematics and molecules and more activity center.
- 18 <http://www.cimt.plymouth.ac.uk/resources/default.htm> center for innovation in mathematics teaching list of resources from topical applications of mathematics, databases, puzzles and competitions, math topics relating to real-life contexts, weblinks, and more....
19. <http://school-discoveryeducation.com/brainboosters?PID=brain> many brain puzzles for the challenge seeker...

## SCIENCE

- 16 <http://googleearth.com> get detailedly familiar with your planet & its infrastructure.
- 17 [http://www.thinkquest.org/library/cat\\_show.html?cat\\_id=13](http://www.thinkquest.org/library/cat_show.html?cat_id=13) Oracle's science resource.
19. [http://www.thinkquest.org/library/cat\\_show.html?cat\\_id=26](http://www.thinkquest.org/library/cat_show.html?cat_id=26) Oracle's earth science resource.
20. [http://www.thinkquest.org/library/cat\\_show.html?cat\\_id=802](http://www.thinkquest.org/library/cat_show.html?cat_id=802) Oracle's life science resource.
20. [http://www.thinkquest.org/library/cat\\_show.html?cat\\_id=36](http://www.thinkquest.org/library/cat_show.html?cat_id=36) Oracle's physical science resource.
20. [http://www.thinkquest.org/library/cat\\_show.html?cat\\_id=382](http://www.thinkquest.org/library/cat_show.html?cat_id=382) Oracle's scientific method and practice resource.
20. <http://school-discoveryeducation.com/students?PID=learn> scientific learning adventures for aspiring scientists.
19. <http://eurekascience.com> DNA and cell basics.
19. <http://ala.org/parentspage/greatsites/science.html> American Library Association website list which includes great science sites for kids.
19. <http://www.madsci.org> ask a scientist a question, or browse the archives and library at this cool site.
19. <http://bayerus.com/msms/index.html> A great site from the Bayer Corporation that includes science fun, a science library, and an online periodic table of elements.
19. <http://www.scholastic.com/magicschoolbus/> includes a lot of basic science information, but its strong point is the activity lab, which includes activities for space study, habitats, etc.
19. <http://sciencemadesimple.com/> science experiments, science questions, and science projects.
19. <http://sln.org/> Science Learning Network - A great science resource, with the top 10 cool sites, and links to science museums across the world.
19. <http://space.com> great earth, space, and weather news, complete with a search.
19. <http://whyfiles.org> scientific behind the news. A current events service, with the latest science news.
19. <http://www.smithsonianmag.com/science-nature/> Smithsonian Magazine's science section.
19. <http://odysseymagazine.com/OdysseyMagazineOnlineforKids> explore this site for the latest news in science, check out the special science features just for kids such as stargazing, ask a Scientist, live webcams, & more!

# Parents & Children: Partners in Education

This listing includes a number of websites that are based on categories of interest for children. If you have any additional websites that you would like to share with us, please email them to [naderandamy@yahoo.com](mailto:naderandamy@yahoo.com)

## HUMAN BODY

- 1 <http://vilenski.org/science/humanbody/index.html> explore the human body with a state of the art Bio Simulator <sup>3000</sup>
- 2 <http://kidshealth.org/kid/body/mybody.html> you will need the latest shockwave player to view. Really fun sounds as you explore the functions of your body - nose, brains, digestive system, muscles, bones, nails, hair, ears, etc.

## INSECTS

- 1 <http://www.enchantedlearning.com/subjects/insects/printouts.shtml> more bugs & bug life cycles than you would care to see in your lifetime!
- 2 <http://www.bijlmakers.com/entomology/begin.htm> insects: classification, proverbs, metamorphosis, and insects in Harry Potter books.
- 3 <http://www.denniskunkel.com/index.php?cPath=6> microscopic pictures of bugs with information

## VERTEBRATES - Animals, Birds, Amphibians, etc.

- 1 <http://www.mbr-pwrc.usgs.gov/id/framlst/infocenter.html> photographs, songs, calls, videos, identification tips, maps, and life history information for North American birds.
- 2 <http://allaboutfrogs.org/> welcome to frogland!!!
- 3 <http://kids.nationalgeographic.com/> National Geographic World - many articles on animals, games.
- 4 <http://www.nwf.org/kids/kzPage.cfm?siteid=3> National Wildlife Federation's Ranger Rick Online animal site for children

## SHARKS

- 1 <http://www.coralrealm.com/viewpage.asp?page=/sharks/shkanatomy.html> the basics of shark anatomy. Detailed drawings of external anatomy
- 2 [http://www.zoology.ubc.ca/courses/bio204/lab3\\_frameset.htm](http://www.zoology.ubc.ca/courses/bio204/lab3_frameset.htm) great photographs of the internal anatomy of the shark from Comparative Vertebrae Anatomy Online
- 3 <http://www.postmodern.com/~fi/sharklinks/links.htm> links to find anything you ever wanted to know about sharks.
- 4 [http://www.pelagic.org/biology/ext\\_anatomy.html](http://www.pelagic.org/biology/ext_anatomy.html) the most complete shark site
- 5 <http://www.seaworld.org/infobooks/sharks&rays/home.html> from SeaWorld, an interactive shark diagram - just click on the spot to read about it!
- 6 <http://www.mesa.edu.au/sites/sharks.asp> some great links from the Marine Education Society of Australasia.

## PLANTS

- 1 <http://www.botany.com> includes common and botanical names of plants, along with pest and diseases and weather
- 2 <http://plants.usda.gov/> A searchable site with information on the common and botanical names, characteristics, and threatened and endangered species. Includes fact sheets and ecological information as well. Excellent!

# Parents & Children: Partners in Education

## SIMPLE MACHINES

- 1 <http://www.enchantedlearning.com/physics/machines/levers.html> includes common and botanical names of plants along with pest and diseases and weather
- 2 <http://www.mos.org/sl/leonardo/inventorstoolbox.html> the elements of machine
- 3 <http://www.professorbeaker.com> look up lever facts or inclined plane facts
- 4 <http://www.42explore.com/smplmac.htm> all about simple machines

## VOLCANOES

- 1 <http://enchantedlearning.com/subjects/volcano/> a volcano diagram, printouts, quizzes, and a dictionary
- 2 <http://www.fema.gov/kids/volcano.htm> includes volcano facts, information on Mt. St. Helen's, and how to stay safe around volcanoes
- 3 [http://www.geology.sdsu.edu/how\\_volcanoes\\_work/](http://www.geology.sdsu.edu/how_volcanoes_work/) a comprehensive educational website on the science behind volcanoes and volcanic processes
- 4 <http://www.pbs.org/wnet/savageearth/> earthquakes, volcanoes, and tsunamis are just some of the topics covered at this site, which includes great information, photographs, and animation
- 5 <http://www.enchantedlearning.com/subjects/volcano/glossary/> definitions of volcanic terms
- 6 <http://pubs.usgs.gov/gip/volcus/titlepage.html> excellent information on recent eruptions, volcanoes of Hawaii, the Cascades, Alaska, and the theory behind volcanoes and eruptions
- 7 <http://vulcan.wr.usgs.gov/Volcanoes/framework.html> the best volcanoes around the world
- 8 <http://volcano.und.edu> volcano world - one of the best volcano sites that is searchable by name or geographic area, great!

## WEATHER

- 1 <http://www.weather.com/glossary/?from=footer> need to know what weather terms mean? check out this great weather dictionary
- 2 <http://www.weather.com/> the weather channel. Weather information from around the world.

## MISCELLANEOUS / NEWS

- 1 <http://www.chemcool.com/> a really cool periodic table in which the elements are clickable; leading to more information
- 2 <http://www.hhmi.org/coolscience> for students grades K-3, this site shows how to investigate scientific topics
- 3 <http://pbskids.org/dragonflytv> companion to the PBS program intended to get kids interested in science, with information about the show's episodes, online investigations, and instructions for hands-on science fun
- 4 <http://www.fieldtrips.org/vft/index.htm> offers different virtual science field trips and 13 trips in other fields
- 5 <http://dsc.discovery.com/> read current articles, or look at the archives, science news, or web picks
- 6 <http://www.sciencenews.org/> a weekly science news magazine that is searchable, and includes archives

## SPACE

- 1 <http://www.earthsky.com> Wow! In-depth articles, teachers' resources, and text and sound of the Earth and Sky radio show.
- 2 <http://www.nasa.gov/> NASA's space page has great information, and is easily searchable
- 3 <http://www.nss.org/> A more advanced site that contains links to NASA and international space agencies
- 4 <http://photojournal.jpl.nasa.gov/index.html> from NASA, this site has photographs of the planets collected during the NASA missions. Includes more than 1,300 images that can be selected by planet and date
- 5 <http://space.jpl.nasa.gov/> Wow! choose your planet, the date, and the view desired, and NASA will generate a photograph for you.

# Parents & Children: Partners in Education

## MORE SPACE

- 1 <http://stardate.org/resources/ssguide/> from the University of Texas· this site investigates how the planets were formed· how they were discovered· and examines each planet in detail·
- 2 <http://starryskies.com/> a site that lets you travel to other planets· view the constellations· and more·
- 3 <http://pds.jpl.nasa.gov/planets/> Welcome to the Planets from NASA · a collection of the best images of the planets·
- 4 <http://www.enchantedlearning.com/subjects/astronomy/> a great site from Enchanted Learning with information on the planets· the sun· the moon· the solar system· and fun activities·

## READING

- 1 <http://www.ala.org/ala/alsc/awardsscholarships/childrensnoteableDefault1888.htm> American Library Service's Notable Children's book list organized by category
- 2 <http://www.education-wisc.edu/ccbc/books/bibBio.asp> the University of Wisconsin Madison's Cooperative Children's Book Center has a listing for preschool· toddler· and elementary years· Organized by category·
- 3 <http://www.starfall.com/> primarily designed for kindergarten and first grade· Starfall.com is also useful for pre-kindergarten and second grade · a learn to read website·
- 4 <http://www.magickeys.com/books/index.html> children's storybooks online
- 5 <http://ettcweb.lrk12.nj.us/forms/newpoem.htm> Instant poetry forms· Click on a poem type on the left side of the screen and students may quickly type in a poem·
- 6 <http://www.kidsreads.com/> a reading website for kids
- 7 <http://janbrett.com/> Jan Brett's website

## VERTEBRATES · Animals· Birds· Amphibians· etc·

- 1 <http://www.mbr-pwrc.usgs.gov/id/framlst/infocenter.html> photographs· songs· calls· videos· identification tips· maps· and life history information for North American birds·
- 2 <http://allaboutfrogs.org/> welcome to frogland!!!
- 3 <http://kids.nationalgeographic.com/> National Geographic World · many articles on animals· games·
- 4 <http://www.nwf.org/kids/kzPage.cfm?siteid=3> National Wildlife Federation's Ranger Rick Online animal site for children

## MUSIC / ART

- 1 <http://www.nyphilkids.org/main.phtml?> New York Philharmonic Kid Zone· Game room· instrument storage room· dressing rooms· instrument lab· musicians' lounges· composition workshop· composers' gallery· & newsstand·
- 2 <http://sfskids.org/templates/home.asp?pageid=1> meet instruments of the orchestra; see a diagram of an orchestra· and hear how each instrument sounds· meet the notes· the music lab· and what's up at the San Francisco Symphony·
- 3 <http://www.classicalarchives.com/comps/> list of 37,244 files about 2000 great composers
- 4 [http://en.wikipedia.org/wiki/Key\\_signature](http://en.wikipedia.org/wiki/Key_signature) information about key signatures and music theory
- 5 <http://www.looknohands.com/chordhouse/piano/> excellent music theory · scale and chords website from Erik Van der Neut· Click on the scale you'd like to hear and contrast major to minor!
- 6 [http://www.looknohands.com/chordhouse/guitar/index\\_db.html](http://www.looknohands.com/chordhouse/guitar/index_db.html) easy music theory · only this time with guitars!!!

# Parents & Children: Partners in Education

## GREAT MUSEUMS/GALLERIES

- 1 <http://www.britishmuseum.org/explore/highlights.aspx> the British Museum's Compass Collection features digital information from around 5,000 objects from the huge range of periods and cultures represented in the museum.
- 2 [http://www.louvre.fr/lv/musee/visite\\_virtuelle.jsp?bmLocale=en](http://www.louvre.fr/lv/musee/visite_virtuelle.jsp?bmLocale=en) take virtual tours of the Louvre! Includes options such as: Near Eastern Antiquities· Egyptian Antiquities· Greek Etruscan and Roman Antiquities· Islamic Art· Scriptures· Decorative Arts· Paintings· Prints and Drawings· Architectural Views· and Medieval Louvre
- 3 [http://www.hermitagemuseum.org/html\\_En/index.html](http://www.hermitagemuseum.org/html_En/index.html) (virtual) digital gallery of the famous Hermitage Museum in Russia· includes topics such as: Paintings· Prints and Drawings· Machinery and Mechanisms; Sculpture· Arms and Armor· Furniture and Carriages· Arms and Armor· Ceramics and Procelain· Applied Arts· Jewelry· Textiles· Numismatics and Glyptics· Costumes· and Archaeological Artifacts
- 4 [http://www.hermitagemuseum.org/html\\_En/6/hm6\\_2.html](http://www.hermitagemuseum.org/html_En/6/hm6_2.html) also· check out the Hermitage's Virtual Children's Academy · it provides educational overviews for children such as: Ancient Rome· Biblical Subjects· Winter Palace· Time of Knights· and Ancient Egypt
- 5 <http://www.adlerplanetarium.org/> the Adler opened on May 12, 1930, as the first planetarium in the Western Hemisphere and continues today to interpret the exploration of the universe for the broadest possible audience.
- 6 <http://www.artic.edu/aic/education/onlinelearning/index.html> online learning at the Art Institute of Chicago· Art explorer· Art Access· Science· Art & Technology· Cleopatra· Taoism and the Arts of China· Revealing Picasso· Mary Reynolds Collection· Chicago Architects Oral History Project
- 7 <http://www.childrensmuseum.org/> the Children's Museum of Indianapolis offers nontraditional learning opportunities for children and their families· Includes explorations of dinosaurs and visits to "Rex's Lending Library". Check out the Dale Chihuly permanent <sup>43'</sup> tower exhibit "Fireworks of Glass", then go to the games section and watch a children's animation on how glass is blown!
- 8 <http://www.exploratorium.edu/> an online version of a hands-on museum in San Francisco that permits you to do your own cow's eye dissection or learn the science behind a home run· Be sure to visit the "Learning Studio"!
- 9 <http://www.thinker.org/> utterly fabulous site combining multiple museum holdings in an over 75,000 item database· Images are excellent· and you can send your comments and knowledge about the paintings to the museum·
- 10 <http://www.museum.state.il.us/exhibits/> provides online exhibits about the Ice Ages and prehistoric mammals as well as a trip back to our Midwestern lands <sup>16,000</sup> years ago·
- 11 <http://collectionsonline.lacma.org/> this fully searchable database allows the user to search by subject· artist· keyword· and more among over 45,000 records and <sup>27,000</sup> digital images·
- 12 <http://www.metmuseum.org/explore/index.asp> the New York Metropolitan Museum of Art· This is one of the largest and finest art museums in the world· Its collections include more than two million works of art · several hundred thousand of which are on view at any given time· spanning more than <sup>5,000</sup> years of world culture; from prehistory to the present·
- 13 <http://www.nasm.si.edu/> a part of the Smithsonian Institution· this museum contains resources about flight· airplanes· and space travel·
- 14 <http://www.nga.gov/> the National Gallery of Art and its collections belong to the people of the United States of America· European and American paintings· sculpture· decorative arts· and selected works on paper· Full screen views of whole paintings and details allow close study· The site also includes information on artists and on the museum's facilities and services·
- 15 <http://www.nga.gov/kids/kids.htm> explore stories in art· take a post card tour of one of the galleries· get directions for art activities and projects· and more·
- 16 <http://national-gallery.ca/> contains the largest collection of Canadian art in the world· Contains a virtual tour· Includes sections on Intuit Art· Contemporary Art· and European· American· and Asian Art
- 17 <http://www.nmai.si.edu> part of the Smithsonian Institution· this museum is devoted to the protection and study of the life· languages· literature· history· and arts of Native Americans·
- 18 <http://ology.amnh.org> the American Museum of Natural History offers a unique museum experience for kids from <sup>8-12</sup>· Included are stories· games· and interactive activities·
- 19 <http://www.liverpoolmuseums.org.uk/nof/portraits> using portraits painted centuries ago· we can now learn about the persons and the era in which they lived· Take a guided tour· or investigate by yourself·

# Parents & Children: Partners in Education

## GREAT MUSEUMS/GALLERIES *continued*

- 20 <http://www.salemwitchmuseum.com> *useful since kids study this era of history. "Haunted Happenings" a commercial part of Salem stuff is very neat.*
- 21 <http://www.mnh.si.edu> *the Smithsonian Institution. Washington D.C. great site for gaining an understanding of the natural world and our place in it.*
- 22 <http://www.smithsonianeducation.org> *whether you're planning a visit, have already visited and even if you've never been to the Smithsonian Museum, this site will have something of interest for you. Take a virtual tour, learn about science, natural history, aviation, dinosaurs, or whatever else interests you. There is something here for everyone.*
- 23 <http://ucmp.berkeley.edu> *if you like paleontology, you'll enjoy the online exhibits here.*
- 24 <http://www.ibiblio.org/wm/> *Wthis is an exciting collection of resources on many subjects ranging from Paul Cezanne, to information on Paris, to Medieval art treasures. Many images can be enlarged for closer viewing.*

## FUN

- 1 <http://www.miniclip.com/games/en/> *what appears to be literally thousands of free games from tennis, ping pong, hot rod cars, bmx racing, snowmobile racing, monster trucks, pirates of the carribbean....you name it, a great motivational tool for homework completion!!!!*
- 2 <http://lightupyourbrain.com/> *brain teaser games & audio stories for children*
- 3 <http://www.webkinz.com/> *webkinz pets are loveable plush pets that each come with a unique secret code. With it, you enter the Webkinz world where you care for your virtual pet, answer trivia, earn kinzcash, and play games.*
- 4 <http://www.neopets.com/> *another option to webkinz*
- 5 <http://www.nickjr.com/> *games, video, stories, etc. from Nick Jr.*
- 6 <http://pbskids.org/> *games, coloring, stories from your favorite pbs characters*
- 7 <http://www.clubpenguin.com/> *Disney.com games. for a small fee kids join a club with other kids and play games. Editor's Choice award from Children's Technology Magazine, and Kids' Privacy Seal of Approval from the Better Business Bureau.*