

ARTSEGE

“Grand Canyon: Stories Told and Untold”

Students explore historical, social, environmental, and geological aspects of the Grand Canyon through various artistic interpretations.

<http://www.artsedge.kennedy-center.org/content/2257/>

“Music as a Storyteller”

In this lesson, students learn about the ability of music to convey elements of storytelling, such as plot, tone, and characterization. Students participate in an interactive listening activity, responding to musical clips from the score to *The Nightingale*, by David Maddox.

<http://www.artsedge.kennedy-center.org/content/2308/>

“Oklahoma! and the Cultural Myth of America”

Students explore the cultural myth of the Old West. After an introductory discussion about cultural ideals and values, students read "The Significance of the Frontier in American History" and discuss essayist Frederick Jackson Turner's thoughts and assumptions about the American character. They then view the musical *Oklahoma!* and analyze the extent to which the musical reflects or supports Turner's ideas about "American-ness."

<http://www.artsedge.kennedy-center.org/content/2342/>

“Champions of Change: The Impact of the Arts on Learning”

This report compiles seven major studies that provide evidence of enhanced learning and achievement when students are involved in a variety of arts experiences.

<http://www.artsedge.kennedy-center.org/champions/pdfs/ChampsReport.pdf>

“Learning from Lyrics”

Students research contemporary songs (alternative, country, metal, pop, rap, and rock music) to study current social issues. They deliver oral presentations using factual data, graphics, and other media to interpret the song lyrics.

<http://artsedge.kennedy-center.org/content/2058/>

EconEdLink

“Changes in Change”

This lesson from EconEdLink begins with students visiting a Web site that gives them practice in counting money. The second site goes one step further in that students are given opportunities to make change for make-believe purchases.

<http://www.econedlink.org/lessons/index.cfm?lesson=EM63&page=teacher>

“Dog Gone Job!”

In this lesson from EconEdLink, students will watch a video of workers at a kennel and talk about the types of jobs that they saw. They will also complete a drag and drop activity to learn about job specialization.

<http://www.thinkfinity.org>

<http://www.econedlink.org/lessons/index.cfm?lesson=EM195&page=teacher>

“Free Ride”

This EconEdLink lesson plan explores the true cost of many "free" services provided by the government. Roads and schools are used as examples to introduce the concepts of taxation, government expenditure and government revenue. There is an interactive activity where students choose how government money, received from taxes, should be spent. Students also search the Web for clues in understanding how the government obtains money to pay for some of our society's basic needs.

<http://www.econedlink.org/lessons/index.cfm?lesson=EM198&page=teacher>

“I’ll Trade You a Bag of Chips, Two Cookies, and \$60,000 for Your Tuna Fish Sandwich”

This lesson explains that supply and demand are the factors that determine the market price of a good while attempting to describe why some goods are more expensive than others. Students will graph supply and demand curves from data.

<http://www.econedlink.org/lessons/index.cfm?lesson=EM46&page=teacher>

“NOT Your Grandma’s Lemonade Stand”

In this EconEdLink lesson, students will manage a virtual lemonade stand to learn about the market economy. They will identify what they gain and what they give up when they make choices. They will identify people as consumers and/or producers. Students will also predict how prices change when the number of buyers in a market changes and identify the risk of being an entrepreneur.

<http://www.econedlink.org/lessons/index.cfm?lesson=EM276&page=teacher>

“On the Money”

In this lesson, you will explore what money is and how it differs around the world. You will compare U.S. currency with play money and with money around the world, and then design your own money.

<http://www.econedlink.org/lessons/index.cfm?lesson=EM169&page=teacher>

“Tricks for Treats”

In this lesson, for grades Pre-K to 2, students access an interactive online storybook that helps them to explore reasons why their pets perform tricks. Students will discuss that people as well as pets are motivated by positive incentives. This resource is located on the EconEdLink Web site.

<http://www.econedlink.org/lessons/index.cfm?lesson=EM232&page=teacher>

“What Do Other People Want to Be?”

In this lesson, you will graph people's job choices, answer questions about your graphs, and identify why people work.

<http://www.econedlink.org/lessons/index.cfm?lesson=EM212&page=teacher>

“Woof! Woof! At Your Service”

Students will demonstrate that economic desires can be satisfied by providing goods and services. This resource will help to identify goods and services provided by one small business and to differentiate between goods and services.

<http://www.econedlink.org/lessons/index.cfm?lesson=EM194&page=teacher>

EDSITEment

Calendar

The EDSITEment calendar contains Web sites and new lesson plans highlighting events from each month of the year.

<http://edsitement.neh.gov/calendar.asp>

“Jamestown Changes”

In this lesson from EDSITEment, students will study census data showing the names and occupations of early settlers of the English settlement at Jamestown, Virginia, to discern how life changed in the Jamestown settlement in the first few years after it was founded. The goals of this lesson plan are: (1) To gain experience gathering information from primary sources. (2) To examine changes over time in conditions at Jamestown as revealed in primary documents from early years in the colony. (3) To organize a statement of findings.

http://edsitement.neh.gov/view_lesson_plan.asp?id=269

“Like Father, Like Son: Presidential Families”

The lessons in this unit from EDSITEment provide an opportunity for students to learn about and discuss two U.S. families in which both the father and son became President. Students will address questions such as: What types of people might become President of the United States? What type of training as a child do you think these father/son pairs had to enable them to become President? Students will explore how these Presidential sons were like their fathers, and will personally explore how they think they are like their own parents.

http://edsitement.neh.gov/view_lesson_plan.asp?id=264

“Scripting the Past: Exploring Women’s History Through Film”

In this lesson from EDSITEment, students employ the screenwriter’s craft to gain a fresh perspective on historical research, learning how filmmakers combine scholarship and imagination to bring historical figures to life and how the demands of cinematic storytelling can shape our view of the past. Working in small groups, students will examine a figure in women’s history through the lens of filmmaking, producing a screenplay based on an autobiographical narrative and their own research into the time period in which that autobiography is set.

http://edsitement.neh.gov/view_lesson_plan.asp?id=254

“Traces: Historic Archaeology”

In this unit, from EDSITEment, students will “recover” and analyze artifacts from sites in use from the settlement period to the second half of the 19th century. They will look for

similarities and differences among the artifacts and the lives they reveal. In conclusion, students will look at today's eventual artifacts of the future and consider how we may be viewed.

http://edsitement.neh.gov/view_lesson_plan.asp?id=312

Illustrations

“Amazing Attributes”

The lessons in this unit plan use a variety of materials, including electronic examples from the NCTM *Principles and Standards for School Mathematics*. Students collect data using objects, pictures, and symbols, and then organize the data by sorting and classifying in different ways. Students display data using multiple representations and engage in such skills as problem solving, reasoning and proving, communicating, connecting, and representing fundamental ideas about data.

<http://illuminations.nctm.org/LessonDetail.aspx?id=U29>

“Paper Pool”

The interactive paper pool game in this Illustrations unit provides an opportunity for students to further develop their understanding of ratio, proportion, similar figures, and multiples. This investigation includes student resources for the Paper Pool project, preparation notes, answers, and a holistic-by-category scoring rubric with guidelines for how it can be used to assess the project. Samples of two students' work and a teacher's comments accompany the suggested rubric.

<http://illuminations.nctm.org/LessonDetail.aspx?id=U165>

“Cubes”

This Illustrations Math Tool is an interactive geometry investigation that helps students explore the volume of a cube by considering a single row (longs) of unit cubes or a single layer (flats) of cubes. Cubes, rows, and layers can be added to the box, and the size of the box can be adjusted by changing the width, depth, or height fields and then clicking on the "Change Box" button.

<http://illuminations.nctm.org/ActivityDetail.aspx?ID=6>

“Geometric Understanding through Tangram Puzzles”

Describing figures and visualizing what they look like when they are transformed through rotations or flips, or are put together or taken apart in different ways, are important aspects of geometry in the lower grades. Problem-solving tasks that involve physical manipulatives as well as virtual manipulatives afford many students an entry into mathematics that they might not otherwise experience. In the first part of this unit, Tangram Puzzles, students can choose a picture and use pieces to fill in an outline. In the second part, Tangram Challenges, students can use tangram pieces to form given polygons.

<http://illuminations.nctm.org/LessonDetail.aspx?ID=U120>

“Geometric Solids and Their Properties”

In this interactive geometry investigation, students will explore geometric solids and their properties. Investigating and then reasoning about the relationships within and between three-dimensional shapes is important for students in grades 3-5 as they continue to develop understanding of geometry and spatial sense. The interactive figure in this investigation is designed to allow students to virtually explore the relationship between the number of faces, corners, and edges of a solid.

<http://illuminations.nctm.org/LessonDetail.aspx?ID=U122>

“The Factor Game”

This lesson engages students in a friendly contest in which the winning strategies involve distinguishing between numbers with many factors and numbers with few factors. Students are then guided through an analysis of game strategies and introduced to the definitions of prime and composite numbers. The Factor Game and the Product Game work well together because they help students to see the relationship between products and factors.

<http://illuminations.nctm.org/LessonDetail.aspx?ID=L620>

“The Product Game”

The four lessons in this unit engage students with the Product Game, an Illuminations resource that teaches multiplication skills in a game format. In the Product Game, students start with factors and multiply to find the product. The Factor Game and the Product Game work well together because they help students to see the relationship between products and factors.

<http://illuminations.nctm.org/LessonDetail.aspx?ID=U100>

ReadWriteThink

Calendar

The ReadWriteThink calendar features new lessons, Web resources, and important events tied to literature and literacy.

<http://www.readwritethink.org/calendar/index-oct.asp>

“Biographies: Creating Timelines of a Life”

Students are invited to explore multiple biographical sources and resolve conflicting information in order to create an interactive timeline about the life of a person.

http://www.readwritethink.org/lessons/lesson_view.asp?id=26

“Honoring Our Veterans Through Poetry Prewriting”

The lesson features a variety of Internet resources to help students prepare for a poetry writing activity. It links from the ReadWriteThink Calendar and offers many ways to engage students in the history and celebration of Veterans Day.

http://www.readwritethink.org/lessons/lesson_view.asp?id=9

“Name Talk: Exploring Letter–Sound Knowledge in the Primary Classroom”

This lesson plan invites students to share their previous knowledge about letters and sounds and gives teachers an opportunity to assess that knowledge in a meaningful context. Web resources referenced offer an opportunity to explore origins of surnames and why some first and last names are more common than others. In addition, the teacher’s old stand-by – the Stapleless Book – comes alive in this lesson in the form of a student interactive.

http://www.readwritethink.org/lessons/lesson_view.asp?id=3

“Shaquille O’Neal: Using a Basketball Star to Motivate Readers”

This lesson plan features an interactive Venn diagram to compare and contrast the traditional story of *Jack and the Beanstalk* to the version written by Shaquille O’Neal, *Shaq and the Beanstalk*.

http://www.readwritethink.org/lessons/lesson_view.asp?id=8

Science NetLinks

“Barbie Legs”

This audio clip, from Science NetLinks, features an interview with Jane Bahor, an anaplastologist at Duke University Medical Center. Bahor discusses how a Barbie doll leg led to the inspiration for a flexible prosthetic finger. This audio clip is a component of the Science Update titled "Barbie Legs."

http://www.sciencenetlinks.com/sci_update.cfm?DocID=5

“Busy Brain”

The purpose of this lesson, from Science NetLinks, is to understand how the brain receives and sends signals to the body. Until third grade, children view organs of the body as individual parts, e.g. the eyes are for seeing; the stomach digests food. At this level students are ready to start viewing the body as one whole system. One way to ease into this view is to study systems within the body such as the digestive system, circulatory system or the nervous system. This lesson introduces the brain, but not just the brain. It emphasizes how the brain interacts with the rest of the body. Students will learn about this by understanding 'messages' that go from parts of the body to the brain, and vice versa. At this age it is less important for students to memorize scientific terms. This lesson focuses more on answering questions and helping students realize the 'job' of the brain and the nervous system in regard to the body as a whole.

<http://www.sciencenetlinks.com/Lessons.cfm?DocID=51>

“Exploring Pendulums”

In this Science NetLinks lesson, students will explore Web sites with simulations of pendulums, where they'll be able to change the length and angle of the bob and observe its effects. They will then construct and test their own controlled-falling systems, or pendulums, to further observe and verify these theories. This lesson helps students understand concepts related to how gravitational forces act on objects by exploring the motion of pendulums.

<http://www.sciencenetlinks.com/Lessons.cfm?DocID=179>

“Nutrition 3: Got Broccoli?”

This student e-sheet accompanies the Science NetLinks lesson "Nutrition 3: Got Broccoli?" Students use the online guide to gather information about nutrition and then create an online advertisement to encourage kids to eat vegetables.

<http://www.sciencenetlinks.com/lessons.cfm?BenchmarkID=6&DocID=58>

“Reaction Time 1: How Fast Are You?”

In this lesson from Science NetLinks, students will engage in two online reaction time tests. They will track their progress, taking note of any strategies that help them improve their performance. This lesson takes a small step toward the broader learning goal described above; it encourages students to think about their learning and illustrates that skills, when practiced, can become automatic.

<http://www.sciencenetlinks.com/Lessons.cfm?DocID=68>

Xpeditions

Atlas

The Xpeditions Atlas contains more than 1,800 maps that users can explore and print. Give lessons global perspective, pinpoint political hot spots or beef up a paper, a presentation - even a Web site - with XPEDITIONS maps. These maps allow the user to click on a continent, country, state, or city to retrieve more maps in greater detail.

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

“Culture Goggles”

In this activity students will demonstrate how culture affects our perceptions by illustrating how the city of Jerusalem appears through the eyes of people from three faiths: Jewish, Christian and Muslim.

<http://www.nationalgeographic.com/xpeditions/hall/view.html?node=27>

“Genealogical Atlases”

This lesson asks students to interview their parents or other relatives about what it was like where they grew up. Students will then use outline maps to create genealogical atlases that illustrate the places of their ancestry and the activities their relatives and ancestors did in these places.

<http://www.nationalgeographic.com/xpeditions/lessons/17/q35/genealogical.html>

“Get Oriented”

In this Xpeditions activity, become a whiz at the cardinal directions -- north, south, east, and west -- and match wits with the Orientometer. Related activities for parents to do with their children are also found on this page.

<http://www.nationalgeographic.com/xpeditions/activities/02/getoriented.html>

“Mental Mapper”

Students will use the Mental Mapper to show the use of mental maps to organize information in a spatial context. Illustrates how children and adults differ in the ways they map the same environments.

<http://www.nationalgeographic.com/xpeditions/hall/view.html?node=21>

“Spice World”

In this Xpeditions activity, students create a map showing the origins of the spices and herbs that help flavor their favorite dish. Related activities for parents to do with their children are also found on this page.

<http://www.nationalgeographic.com/xpeditions/activities/16/spiceworld.html>

“Was The United States Ready for Pearl Harbor?”

In this lesson, from the National Geographic Xpeditions Web site, students consider the United States' level of preparedness for the Pearl Harbor attack and discuss what the U.S. could have done to be better prepared. Students conclude by writing letters to American military commanders in the summer of 1941, suggesting what they might do to prepare for a Japanese attack on Pearl Harbor.

<http://www.nationalgeographic.com/xpeditions/lessons/13/q912/ready.html>

“World Viewer”

Students will interact with the World Viewer to shows six different kinds of information in spatial terms including population growth, language, biomass energy and religion. Helps visitors see worldwide patterns, how uses and resources impact each other.

<http://www.nationalgeographic.com/xpeditions/hall/view.html?node=22>

ARTSEEDGE-reviewed

“Duke Ellington Mini-site”

The "Duke Ellington" Web site is a collaboration between ARTSEEDGE, The Music Educator's National Conference, and the Smithsonian Institution's National Museum of American History. It is designed to bring the world of Duke Ellington alive for students and others interested in his life and music. Lesson 3 is a study of Ellington's rhythmic drive, using extracts of jazz music charts and audio clips of "Ko-Ko," "Things Ain't What They Used To Be," and blues piano music. The lesson plan includes an online interactive activity and a worksheet printout.

<http://dellington.org/>

“The Colors of Ellington’s Band”

This is an interactive student lesson related to Duke Ellington and his band. For his band, Ellington chose individual musicians who could contribute to the overall musicality of the group. Together, they inspired one another as Ellington often arranged or composed the music to showcase the talents of the individual musicians. One example is Concerto for Cootie, showcasing trumpeter Cootie Williams playing a remarkable range of moods and styles.

<http://dellington.org/lessons/lesson02.html>

EconEdLink-reviewed

Create a Graph

Here students will find four different interactive graphs and charts to create. They can utilize everyday data such as homework problems, things you have a special interest in, or use some of the numbers you find elsewhere on this site.

<http://nces.ed.gov/nceskids/graphing/>

“Emily Elizabeth’s Read-Along”

This resource, part of the PBS Kids' Web site, is an interactive storybook about "Clifford the Big Red Dog." Clicking on black text will allow students to hear the story; clicking on red text will show an animated illustration. This resource discusses the use of incentives and rewards to encourage animals (and people) to do things. This resource is referenced in the EconEdLink lesson, "Tricks for Treats."

http://pbskids.org/clifford/kids/emily/ee_tummypg1.html

“Lemonade Stand”

Lemonade Stand is a simple game of economics made with FLASH 4 by Geoffrey Noles. You have 30 days to run a Lemonade Stand. Try to see how much money you can make!

<http://www.ae4rv.com/games/lemonade.htm>

Money Flash Cards

This resource, from the A+ Math Web site, provides electronic flashcards to test students' ability to add coins and notes and see how much money they have. This resource is highlighted in the EconEdLink lesson "To Market To Market."

<http://www.aplusmath.com/cgi-bin/flashcards/money>

Nick Jr.com Stories

This is a story site featuring five interactive stories for young children. One story, "Rumble, Grumble, Gurgle, Roar" is referenced in an EconEdLink lesson of the same name.

http://www.nickjr.com/kids/flash_site/playtime.jhtml?nsect=stories&ncontent=nothing&firstpage=yes&=no

“Ron Wise’s Geographic Directory of World Paper Money”

This Web site provides links to pages with information on various currencies throughout the world. The links also provide images of paper money from an extensive list of countries, which may be accessed through hotlinks or through clickable, interactive maps. This resource is highlighted in the EconEdLink lesson "On The Money."

<http://aes.iupui.edu/rwise/notedir/mappage.html>

Stock Market Game

An exciting, real-world simulation, The Stock Market Game enables participants to discover the risks and rewards involved in decision-making, the sources and uses of

<http://www.thinkfinity.org>

capital, and other related economic concepts. The Stock Market Game is a trademarked program of the Securities Industry Foundation for Economic Education. There is a small registration fee required to access all the resources of the game. This Web site is referenced in the Science NetLinks lesson, "Evaluating Mathematical Models."

<http://www.smg2000.org/>

EDSITEment-reviewed

American Memory Project: Panoramic Maps

This resource, from the American Memory Maps Collection, is a collection of 20th century perspective maps including illustrations. This page is found on the American Memory Project's Map Collection Web site. These images were created from maps and atlases and, in general, are restricted to items that are not covered by copyright protection. The map can be downloaded for use in the classroom.

<http://memory.loc.gov/ammem/pmhtml/panhome.html>

Art Safari: Make Your Own Art

This resource, part of the New York Museum of Modern Art Web site, invites children to explore the MoMA's painting and sculpture collection. This interactive site encourages learning about art by looking and sharing interpretations. Following each discussion, children can create their own artwork on the computer, or they can carry out projects by painting, drawing, or making a sculpture. Stories and illustrations can be submitted for publication on the Web site. This resource is referenced in the EDSITEment lesson, "Unicorns Dragons and Other Magical Creatures."

http://www.moma.org/momalearning/artsafari/make_your_own_art.html

ArchNet

This resource, hosted and maintained by the staff at the Archaeological Research Institute at Arizona State University, links to thousands of Web presentations devoted to archaeology, ancient sites, and artifact studies.

<http://archnet.asu.edu/>

River of Song

This is a companion site to the PBS series tracing American musical traditions along the Mississippi River.

<http://www.pbs.org/riverofsong/>

The American President

This Web site, from the University of Virginia's Miller Center of Public Affairs, is devoted to the history and structure of the American Presidency. It contains timelines, multimedia presentations, essays, biographies of all the U.S. presidents, and information about the workings of the U.S. Presidential Office.

<http://www.americanpresident.org/>

Using Primary Sources in the Classroom

This Web page gives ideas and suggestions for using primary sources in the classroom. The activities described here make use of authentic artifacts, documents, photographs and manuscripts in order to enhance the social studies curriculum. This page is part of the Learning Page section of the American Memory Web site, created by the Library of Congress, providing public access to over five million historical items from more than 90 collections.

<http://lcweb2.loc.gov/ammem/ndlpedu/lessons/primary.html>

Valley of the Shadow

This site contains multimedia resources that bring to life two communities, one Northern and one Southern, divided by the Civil War. It is an archive of thousands of sources for the period before, during, and after the Civil War for Augusta County, Virginia, and Franklin County, Pennsylvania. Those sources include newspapers, letters, diaries, photographs, maps, church records, population census, agricultural census, and military records. Students can explore every dimension of the conflict and write their own histories, reconstructing the life stories of women, African Americans, farmers, politicians, soldiers, and families. The project is intended for secondary schools, community colleges, libraries, and universities.

<http://jefferson.village.virginia.edu/vshadow2/>

“Virtual Jamestown”

This site contains primary documents on Jamestown, the first permanent English settlement in the New World.

<http://jefferson.village.virginia.edu/vcdh/jamestown/>

Illuminations-reviewed

Count On

Students will be actively engaged with math games, puzzles and competitions for all ages. Details of events, an online math museum, newspaper and magazines are part of this exciting site. Included are resources for parents and teachers and links to other math sites.

<http://www.mathsyear2000.org/>

Figure This! Math Challenges for Families

Figure This! offers students challenging activities to do at school or at home with their parents. While these activities are intended for middle grades students, many will be interesting and challenging for older students. Each challenge has a description of the math involved, a note on where the math is used in the real world, a hint if needed, complete solutions, a 'Try This' section, additional related problems with answers, questions to think about, fun facts related to the math, and resources for further exploration. You can search for challenges by mathematical topic or simply by the challenge. Figure This! has family support materials including sample questions to ask teachers and administrators about the school setting, information on how to prepare students for continuing education, suggestions to help with math homework, information

on the changes in mathematics education, and examples of math in literature. These resources, designed especially for families, are in the Family Corner. The Figure This! activities can be downloaded from the download page in PDF format.

<http://www.figurethis.org/>

FunBrain: Line Jumper

This interactive activity, from FunBrain.com, challenges students to solve addition and subtraction problems using a number line. An equation is presented (i.e. $7-3$), with the first number (7) marked on the number line. Students then solve the equation by clicking on the correct answer (4) on the number line. Students can choose the level at which they work from "Easy" to "Super Brain." Use this link to access the Line Jumper activity through the Illuminations resource review for grades PreK-2. FunBrain.com has many activities for students, parents, and teachers, including games and a quiz lab.

<http://funbrain.com/linejump/index.html>

FunBrain: Mathcar Racing

This resource, on the FunBrain.com Web site, is a game that not only provides practice for arithmetic skills but also challenges students' logic and reasoning abilities. The student selects a problem from the matrix and is awarded the sum of the expression. At the end of the game the student with the highest score or the most laps around the racetrack wins. In order to win consistently, students must develop a strategy to play defensively as well as offensively.

<http://funbrain.com/osa/index.html>

FunBrain: Power Football

In this online activity from Funbrain.com, loosely based on football, correct answers advance the ball towards the goal posts and incorrect answers result in the loss of a down. Getting the ball to the goal posts within four downs results in a field goal. Students may find this a motivating format in which to practice operations on decimals. While the activity can be used for older students to work with some pretty messy decimals and to practice multiplication and division of decimals, students at lower levels should stay with addition and subtraction and the lower levels of difficulty. However, the 'medium' level of difficulty may be preferable to the 'easy' level as numbers at the easy level are always given with the decimal points aligned. The 'Algebra style' option presents missing-addend style problems, a nice feature. While no substitute for developing the concepts of operations with decimals (hopefully highlighting place value), this activity may motivate students to practice their skills.

<http://funbrain.com/football/index.html>

“Investigating the Concept of Triangle and the Properties of Polygons: Making Triangles”

This two-part example describes activities that use interactive Geoboards to help students identify simple geometric shapes, describe their properties, and develop spatial sense. This first part, Making Triangles, focuses attention on the concept of triangle, helping students understand the mathematical meaning of a triangle and the idea of congruence, or sameness, in geometry. In the next part, Creating Polygons,

students make and compare a variety of polygons, describing the salient properties of the shapes they create.

<http://standards.nctm.org/document/eexamples/chap4/4.2/index.htm>

ReadWriteThink-reviewed

A Scholarly Snow White

If your students are exploring the Snow White fairy tale, this site has everything you need. The site includes teaching tips, 37 versions of the fairy tale plus a series of illustrations, information about films, videos and recordings, excerpts on the context, excerpts of criticism of "Snow White," selected Links on Fairy Tales, Folklore and on "Snow White," and a selected bibliography.

<http://scils.rutgers.edu/%7Ekvander/snowwhite.html>

Favorite Poem Project

The project site houses a collection of short video documentaries of Americans reading and speaking personally about poems they love. It also provides a forum for teachers and students, including poetry lesson plans and forms for submitting favorite poems.

<http://www.favoritepoem.org/>

Merriam-Webster Online: The Language Center

Access the full text of Merriam-Webster's Collegiate Dictionary, Tenth Edition, and Collegiate Thesaurus at The Language Center. Site links take you to word games, the featured word of the day, and Word Central, a language site for kids.

<http://www.m-w.com/>

Reading Rainbow

Reading Rainbow, PBS's award-winning children's series, offers this Web site which details on books featured on the television show, online games and activities, and information for families. While the site complements the television show, the resources can easily stand alone, though students may need access to the books mentioned.

<http://pbskids.org/readingrainbow/>

Science NetLinks-reviewed

Brain POP

This site can stimulate independent learning and creativity in students, while it provides teachers with new ideas for their classes. BrainPOP is a first-rate, fun learning experience for visitors.

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

"Dole 5-a-Day"

This site is designed to encourage children and their parents, to eat 5-9 servings of fruits and vegetables a day. The site has a fruit & vegetable encyclopedia, a nutrition center and 5-a-Day resources. Through the use of comic book characters and activities

<http://www.thinkfinity.org>

such as puzzles, coloring sheets and songs, the Dole Food Company hopes to encourage children to eat fruits and vegetables.

http://www.dole5aday.com/Kids/K_Index.jsp

“Fastball Reaction Time”

This page, from the Exploratorium Web site, features a reaction time activity that imitates a 90-mph fastball thrown by a major league pitcher. While this exhibit doesn't test if you could actually hit a fastball, it does test whether you could react in time to hit one. This resource is referenced in the Science NetLinks lesson, "Reaction Time."

<http://www.exploratorium.edu/baseball/reactiontime.html>

“Interactive Stroop Effect Experiment”

This page, from Neuroscience for Kids, features an introduction to an experiment related to the "Stroop Effect," a brain teaser of sorts. In this experiment, students must say the color of the word shown, not what the word says. For instance, if the word "red" is written in blue, the student must say blue, not red. This resource is referenced in the Science NetLinks lesson titled "The Busy Brain."

<http://faculty.washington.edu/chudler/java/ready.html>

Nutrition Café

Nutrition Café is a joint project sponsored by the Pacific Science Center and the Washington State Dairy Council.

<http://exhibits.pacsci.org/nutrition/default.html>

Operation: Heart Transplant or How to Transplant a Heart in Nineteen Easy Steps

This resource guides students through the steps involved in human heart transplant surgery.

<http://www.pbs.org/wgbh/nova/eheart/transplant.html>

“Probe the Brain”

This page, from the PBS Web site, features an activity in which students stimulate different parts of the brain in a simulated operation. The mouse is used as a probe in this activity. Shockwave is required to view the brain. This resource is referenced in the Science NetLinks lesson "The Busy Brain."

<http://www.pbs.org/wgbh/aso/tryit/brain/#>

Sue at the Field Museum

Sue, the Tyrannosaurus rex on display at The Field Museum in Chicago, is perhaps the most famous dinosaur fossil of our time. Sue is the largest, most complete, and best preserved Tyrannosaurus rex. This site contains detailed information about Sue's discovery and significance, along with dinosaur facts and answers to common questions. A special page for kids features a dinosaur flip book activity and other games. This site is featured in the Science NetLinks lesson, Fossils and Dinosaurs.

<http://www.fieldmuseum.org/sue/default.htm>

Technology at Home

How much time do you spend at your computer? How about listening to CDs or the radio? Watching TV? When was the last time you used a microwave oven? Try to imagine going through a day without these items. They all make use of technologies developed in the 20th century. This activity allows students to go back through the century to find out when everyday items such as these first appeared in homes. Requires Shockwave software for full multimedia viewing. This site is featured in the Science NetLinks lesson, Communications Technologies.

<http://www.pbs.org/wgbh/aso/tryit/tech/>

The Magic School Bus

The Magic School Bus Web site has games, riddles, word search, mystery name search based on Magic School Bus characters, colorful graphics, and pages that can be printed and colored. Parents and teachers can explore the Scholastic.com homepage for holiday and seasonal fun and safety tips, classroom activities by grade level in the areas of reading, writing, science, math, spelling, phonics, and social studies. There are activities shared by teachers, reproducibles, book lists, articles, interactive lessons, and selected sites for parents and teachers. There is also a feature on child health day with many activities.

<http://scholastic.com/magicschoolbus/home.htm>

"The Pendulum"

This applet, from the Interactive Physics and Math with Java Web site, features a pendulum suspended on a "rigid string." One can drag the pendulum to its starting position. Once in motion, the pendulum can be "caught" by clicking and holding the mass when it has reached its maximum angle. This resource is referenced in the Science NetLinks lesson, "Exploring Pendulums."

http://www.physics.uoguelph.ca/applets/Intro_physics/kisalev/java/pend1/index.html

The Yuckiest Site on the Internet

This site explores such topics as roaches, worms, bodily functions like shivering, and simple chemistry. Wendell the Worm acts as the tour guide and helps visitors navigate to sections like Camp Yucky, the Parent's Guide, Gross and Cool Body, Worm World, Yucky Games, Ask Wendell, Teachers Center, Yucky Bookshop, Yucky News, Yucky Pressroom, and more.

<http://yucky.kids.discovery.com/>

Xpeditions-reviewed

HyperHistory

With over 2,000 files, HyperHistory covers the major epochs of world history during the last 3,000 years. It features a combination of colorful graphics, lifelines, timelines, maps, and tools for visualizing spatial and temporal relationships.

http://www.hyperhistory.com/online_n2/History_n2/a.html

Lewis and Clark Expedition

This Web site features the large format movie titled "Lewis and Clark: Great Journey West." Students can view trailers of the movie and click on a link to find out where the movie is playing. Links to educational resources such as expedition maps, lesson plans, games, and photos of the film are also included.

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

“Remembering Pearl Harbor”

This partner-reviewed Web site gives an historical account of the day “Which will live in infamy.”

<http://plasma.nationalgeographic.com/pearlharbor/>

Virtual Antarctica

This classic site from 1995 paved the way for geographic education using real-time journey dispatches and the Internet. Relive the excitement of Virtual Antarctica through the gallery of images and dispatches, or surf into this award-winning Web site to learn more about the vast white continent at the bottom of the world.

<http://www.doc.ic.ac.uk/~kpt/terraquest/antarctica/>

Volcano World

As the Web's premier source of Volcano information, this site is a rich source of scientific information about volcanoes, and posts updates on eruptions as they happen. Volcano lists are sorted by world region, country/area, name, and description, and the site includes lesson plans and activities for students.

<http://volcano.und.edu/>