

Resource Name	Grades	Objective	Web/URL Address
3M Science of Everyday	K-12th	Guide students in discovering and exploring the science of everyday life with virtual labs and interactive activities specially designed to highlight the science that surrounds them.	http://scienceofeverydaylife.discoveryeducation.com/?campaign=fp_soel
50 Great Online Tools for Teaching Fire Safety	K-12	There's no better time than right now to teach fire safety, and this resource has 50 different websites devoted to helping you teach about fire safety with your children.	http://www.firesciencedegree.com/50-great-online-tools-for-teaching-fire-safety/
Biology 4 Kids	5th +	If you are looking for basic biology information, stay on this site. It's not just biology for kids, it's for everyone. We have information on cell structure, cell function, scientific studies, plants, vertebrates, invertebrates, and other life science topics. If you're still not sure what to click, try our site map that lists all of the topics on the site. If you surf and get lost in all of the information, use the search function on the side of the pages.	http://www.biology4kids.com/
Catch the Science Bug	K-4	The educational goals of Catch the Science Bug are to increase science literacy and raise environmental consciousness by adhering to national standards and guidelines for content and use different teaching methods to engage all types of learners, and encourage life-long learning by featuring scientists who model this behavior.	http://www.sciencebug.org/index.html
Chem 4 Kids	5th +	If you are looking for basic chemistry help and information, stay on this site. It's not just for kids, it's for everyone. We have information on matter, atoms, elements, the periodic table, reactions, and biochemistry. If you're still not sure what to click, try our site map that lists all of the topics on the site. If you surf and get lost in all of the information, use the search function on the side of the pages.	http://www.chem4kids.com/index.html
Climate Kids: NASA's Eyes On the Earth	3rd +	Climate Kids is produced by the Earth Science Communications Team at NASA's Jet Propulsion Laboratory / California Institute of Technology. There are games, question and answer sections, videos and more.	http://climatekids.nasa.gov/
Color Matters	3rd +	Budding artists and anyone interested in color will want to see how color affects our mind and body, its use in design and art, plus lots more. Explains additive and subtractive color systems, how the eye sees colors, and how other cultures view and use colors. **Color Matters for Kids Color Matters has a special section about color for children.	http://www.colormatters.com/
Energy Kids	K-12	This website from the U.S. Energy Information Administration is chock full of information about energy; from energy basics to forms of energy, and from using to conserving. Visitors can go on virtual field trips across the country with Energy Ant through engaging photo journals, and teachers can find lesson plans, guides, links, and suggested ways of using the website in the classroom.	http://www.eia.gov/kids/index.cfm

<p>Exploratorium</p>		<p>"The Exploratorium is a museum of science, art, and human perception located in San Francisco, California. We believe that following your curiosity and asking questions can lead to amazing moments of discovery, learning, and awareness and can increase your confidence in your ability to understand how the world works. We also believe that being playful and having fun is an important part of the process for people of all ages.</p> <p>We create tools and experiences that help you to become an active explorer: hundreds of explore-for-yourself exhibits; a website with over 50,000 pages of content; film screenings; workshops for lifelong learners including day camps for kids and family investigations; evening art and science events for adults—plus much more. We also create professional development programs for educators, and are at the forefront of changing the way science is taught. We share our exhibits and expertise with museums worldwide."</p>	<p>http://www.exploratorium.edu/</p>
<p>Extreme Science</p>	<p>5th +</p>	<p>"Extreme Science is the place online to find the biggest, baddest, and the best in the world of extremes and learn about the science behind what makes each the most extreme example of its kind. Here you'll find world records in natural science, including earth science and the plant and animal kingdom, as well as extreme weather records, and much more wild, weird, and out-there stuff.</p> <p>You'll also find the most complete collection of science and technology information and resources available on the Internet, including resources for students working on science fair projects and teachers needing content for science lessons."</p>	<p>http://www.extremescience.com/</p>
<p>Faultline</p>	<p>5th +</p>	<p>"Another microsite suitable for teachers. It focuses on earthquakes, covers all the basics of seismic science, and includes hands-on activities."</p>	<p>http://www.exploratorium.edu/faultline/</p>
<p>From the Ground Up</p>	<p>6th-8th</p>	<p>"You teach your kids about the importance of good nutrition for your family...but do they know the valuable role crop nutrients play in feeding our growing world? Use these fun activities and resources to explore the science of soil and cultivate a new appreciation for the science all around you."</p>	<p>http://www.thescienceofsoil.com/?utm_source=DiscoveryEducation&utm_medium=FP_TeacherResources&utm_campaign=NFL</p>
<p>Funology: Science</p>	<p>K-6th</p>	<p>"At Funology, science is all about having fun! But that's not all. Besides fun facts and EXPERIMENTS you can perform, you'll also find crafts, recipes, magic tricks, jokes, and a whole lot more."</p>	<p>http://www.funology.com/science-experiments/</p>
<p>Greatest Engineering Achievements of the 20th Century</p>	<p>5th +</p>	<p>The Greatest Engineering Achievements website celebrates a remarkable century of technological achievement. The website contains detailed historical information, timelines, and personal essays by key innovators for each of 20 major engineering accomplishments of the 20th century.</p>	<p>http://www.greatachievements.org/</p>
<p>Manufacture Your Future</p>	<p>6th-12th</p>	<p>Manufacture Your Future offers dynamic standards-based, STEM-focused lesson plans, a manufacturing career guide, family discussion starters and a Virtual Field Trip designed to give students a behind-the-scenes look at the manufacturing design process.</p>	<p>http://www.manufactureyourfuture.com/</p>

National Geographic: Science	K-6th	Interactive website with numerous online activities for students and includes the "Weird but True," section	http://kids.nationalgeographic.com/
Navy's STEM for the Classroom	9th-12th	Working with some of the most awe-inspiring ships, submarines, aircraft and communications systems in existence. Developing unmanned vehicles and robotics that keep people out of harm's way. Pioneering advances in everything from nuclear propulsion to biofuels to medical research. When it comes to careers in science, technology, engineering and mathematics, there are exceptional possibilities in America's Navy. Possibilities filled with challenge, excitement, leadership and relevance.	http://www.navystemfortheclassroom.com/?utm_source=DiscoveryEducation&utm_medium=FP&utm_campaign=NAVY
PBS Science Games	Elementary	With each game, a parent/teacher link is available with additional ideas to extend learning including science experiments, hands on activities and activity guides.	http://pbskids.org/games/science/
Physics 4 Kids	5th +	If you are looking for basic physics information, stay on this site. It's not just physics for kids, it's for everyone. We have information on motion, heat and thermodynamics, electricity & magnetism, light, and modern physics topics. If you're still not sure what to click, try our site map that lists all of the topics on the site. If you surf and get lost in all of the information, use the search function on the side of the pages.	http://www.physics4kids.com/
Recipe for Innovation	K-5th	Explore the farm to table journey and the importance of healthy eating with students in grades K-5. Resources include an interactive lesson plan, student widget, and family activities that extend the learning at home. ** Grades 6th-12th are currently being worked on.	http://www.recipeforinnovation.com/
Scholastic: Fire Safety	K-5th	Online activities, games, worksheets and lesson ideas all surrounding the theme of fire safety.	http://www.scholastic.com/firesafety/
Science Jobs at Kids.gov	K-8th	Brought to you by USA.gov, Kids.gov is the official kids' portal for the U.S. government. We link kids, parents and teachers to U.S. government information and services on the web from government agencies, schools, and educational organizations, all geared to the learning level and interest of kids. Kids.gov is organized into three audiences: Grades K-5, Grades 6-8, and Educators. Each audience tab is divided into educational subjects like Arts, Math, and History. Within each subject, the websites are grouped as either government sites (Federal, state, military) or other resources (commercial, non-profit, educational). The sites listed under the other resources category are maintained by other public and private organizations. When users click on these links, they are leaving Kids.gov and are subject to the privacy and security policies of the owners/sponsors of the outside websites.	http://kids.usa.gov/science/science-jobs/index.shtml
Science Kids	K-6th	Science Kids is the home of science & technology on the Internet for children around the world. Learn more about the amazing world of science by enjoying our fun science experiments, cool facts, online games, free activities, ideas, lesson plans, photos, quizzes, videos & science fair projects.	http://www.sciencekids.co.nz/

Skateboard Science	4th +	Find out how this extreme sport is governed by the principles of momentum, gravity, friction, and centripetal force. Learn skateboarding history, technology, and more!	http://www.exploratorium.edu/skateboarding/index.html
Snacks	5th +	“Snacks” are miniature versions of some of the most popular exhibits at the Exploratorium. Here, educators can explore a variety of them and learn how to build them for their classrooms using common, inexpensive, easily available materials.	http://www.exploratorium.edu/snacks/
Summer Science	K-5th	Reading and writing happens across the curriculum, including the sciences. This summer, strengthen children’s literacy, inquiry, and problem-solving skills — and connect kids with high-quality nonfiction and informational books.	http://www.startwithabook.org/summer-science
The Good Egg Project: Education Stations	K-8th	Designed to teach students about the production process of fresh foods, and how eggs make their way from the farm to their breakfast table.	http://educationstation.discoveryeducation.com/?campaign=fp_aeb
Try Science	K-6th	Try Science offers a large collection of interactive experiments, field trips, and adventures. The collection spans the course of scientific genre covering many key scientific concepts. Each activity is engaging and informative. Students absolutely love this site.	http://www.tryscience.org/parents/parent.html