Science Educator Links
Most sites overlap in categories

Activities

AIMS
http://www.aimsedu.org/
AIMS Education Foundation creates hands-on, standards-based activities and curricula

Webquests
http://webquest.org/search/
Search for rated WebQuests by subject and grade. “A WebQuest is an inquiry-oriented activity in which some or all of the information that learners interact with comes from resources on the Internet…” (Dodge, 1995).

NASA
http://www.nasa.gov/

National Science Foundation
http://www.nsf.gov/index.jsp

The Center for Innovation in Engineering and Science Education
http://www.ciese.org/
CIESE collaborates with K-12 and university educators, researchers, policymakers and educational organizations to develop curriculum materials, conduct professional development programs, and research new methodologies to strengthen STEM education.

National Geographic
http://www.nationalgeographic.com/index.htm

Simulations

The Virtual Courseware Project
http://www.sciencecourseware.org/
The VCP produces interactive, online simulations for the life science laboratory or for earth science field studies. The activities are designed to enhance an existing curriculum and include online assessments. They can be used by students ranging from middle school, high school, or college classrooms.

Brainpop
http://www.brainpop.com/science/seeall/
Brainpop has great animations. It is a subscription-based service that includes several free animations in each subject area.
BBC Interactive
http://www.bbc.co.uk/science/humanbody/body/index_interactivebody.shtml

Science Animations
http://science.nhmccd.edu/biol/animatio.htm

The Visible Human Project®

The Franklin Institute Science Museum
http://www2.fi.edu/

HowStuffWorks
http://science.howstuffworks.com/
Comprehensive articles, graphics and videos walk you through many great science topics.

Volcano Explorer

Virtual Frog
http://froggy.lbl.gov/virtual/
You can interactively dissect a (digitized) frog named Fluffy, and play the Virtual Frog Builder Game.

Virtualology
http://www.virtualology.com/virtualsciencecenter.com/

Science Links and References

Reference:
http://www.refdesk.com/science.html

Collections of Science Links
http://school.discovery.com/schrockguide/sci-tech/scigs.html

William J. Beaty’s science resources
http://www.eskimo.com/~billb/edu.html
K12Station
http://www.k12station.com/k12link_library.html?subject=NST&sub_cat=105274

The Franklin Institute
http://fi.edu/learn/
Contains online science content, resources and professional development information for educators.

The National Institute on Drug Abuse
http://www.drugabuse.gov/JSP/JSP.html
NID has developed science education materials for second- and third-grade students on the brain and the effects of drugs on the brain. The curriculum is titled Brain Power!

NIH Office of Science Education
http://science.education.nih.gov/
curriculum supplements and other educational materials related to medicine and research through collaborations with scientific experts at NIH and much more

The U.S. Geological Survey
http://education.usgs.gov/
Provides scientific information intended to help educate the public about natural resources, natural hazards, geospatial data, and issues that affect our quality of life. Discover selected online resources, including lessons, data, maps, and more, to support teaching, learning, education (K-12), and university-level inquiry and research.

American Chemistry Council Science Center
http://www.science-education.org/
The Science Center is sponsored by the Chlorine Chemistry Division of the American Chemistry Council.

Challenger Center for Space Science Education
http://www.challenger.org/
Uses students’ natural enthusiasm for space to create innovative learning experiences for imaginative young minds.

The Center for Science Education @ Berkley
http://cse.ssl.berkeley.edu/educators.html
A wealth of educational materials funded by NASA’s Office of Space Science Education and Public Outreach Program.

Education World: Science
http://www.education-world.com/science/
A wealth of Science lesson plans and resources.
The Smithsonian Center for Education and Museum Studies
http://smithsonianeducation.org/students/index.html

Earthshapes
http://www.earthshapes.org/

Maggie's Earth Adventures
http://www.missmaggie.org/
Lesson plans and activities

Bio Motion Lab
http://www.bml.psyc.queensu.ca/Demos/BMLwalker.html
A very cool one-trick pony

Science NetLinks
http://www.sciencenetlinks.org/resource_index.htm
Resources support standards-based teaching and learning, and are reviewed by the Science NetLinks Board of Reviewing Editors according to their review criteria.

PBS American Field Guide
http://www.pbs.org/americanfieldguide/topics/animals/index.html
Video clips and articles about animals

NASAexplores
http://www.nasaexplores.com/
Lessons and online resources

Tons of resources

National Science Teachers Association
http://www.nsta.org/

FEMA for Kids Homepage
http://www.fema.gov/kids/

Classroom of the Future
http://www.cotf.edu/
A relationship with NASA allows the Classroom of the Future to create high-quality materials that are technology intensive. These curricular supplements incorporate NASA expertise and datasets.