

RESOURCES

Science

American Association for the Advancement of Science. (1993). *Benchmarks for science literacy*. New York, NY: Oxford University Press

Created in close consultation with a cross-section of American teachers, administrators, and scientists, Benchmarks elaborates on the recommendations to provide guidelines for what all students should know and be able to do in science, mathematics, and technology by the end of grades 2, 5, 8, and 12.

American Association for the Advancement of Science. (2009). *Benchmarks online-project 2061*. Retrieved from <http://www.project2061.org/publications/bsl/online/>.

Project 2061 Benchmarks Online enable users to browse the full text of Benchmarks by chapter or use keywords to search the entire document. Hypertext links direct the user to cognitive research and bibliographic references.

Association for the Advancement of Science. (2011). *Science netlinks*. Retrieved from <http://www.sciencenetlinks.com>.

Providing a wealth of resources for K-12 science educators, Science NetLinks is your guide to meaningful standards-based Internet experiences for students. Science NetLinks is part of Thinkfinity, a partnership between the Verizon Foundation.

Center for Science, Mathematics, and Engineering Education (CSMEE). (1996). *National science education standards*. Washington, DC: National Academy Press.

The Standards offers a coherent vision of what it means to be scientifically literate, describing what all students should understand and be able to do in science. The volume reflects the principles that learning science is an inquiry-based process, that science in schools should reflect the intellectual traditions of contemporary science, and that all Americans have a role in science education reform.

Centers for Disease Control and Prevention. (2006, October). *School chemistry laboratory safety guide*. Retrieved from <http://www.cdc.gov/niosh/docs/2007-107/pdfs/2007-107.pdf>.

CDC guidelines for addressing safety and safety regulations and laws in the science classroom and laboratory.