

# Resources

- *Activities for Elementary School Science*. Stockard, J. W., Jr., & Gilchrist, M. R. (1998). Prospect Heights, IL: Waveland Press.
- *Adopt A Stream program (VA Department of Conservation and Recreation)*. [www.dcr.state.va.us/sw/adopt.htm](http://www.dcr.state.va.us/sw/adopt.htm)
- *Alliance for the Chesapeake Bay*. [www.acb-online.org](http://www.acb-online.org)
- *American Ground Water Trust*. [www.privatewater.com](http://www.privatewater.com)
- *An Ounce of Prevention: A Middle Level Science Curriculum on Source Reduction*. (1996). The National Science Teachers Association and The Dow Chemical Company.
- *Aquatic Project Wild: Aquatic Education Activity Guide*. Western Regional Environmental Education Council (2nd Ed.). (1992). Project Wild, PO Box 18060, Boulder, CO 80308. 303-444-2390 or [www.projectwild.org](http://www.projectwild.org) and [www.dgjf.state.va.us/education/proj\\_wild\\_sol\\_science.html](http://www.dgjf.state.va.us/education/proj_wild_sol_science.html)
- *Bay Link Lesson Plans*. [www.baylink.org](http://www.baylink.org)
- *The Bridge – Ocean Sciences Teacher Resource Center*. [www.vims.edu/bridge](http://www.vims.edu/bridge)
- *Center for Improved Engineering and Science Education at Stevens Institute of Technology*. [www.ciese.org](http://www.ciese.org)
- *Chesapeake Bay Foundation*. [www.cbf.org](http://www.cbf.org)
- *Chesapeake Bay Program*. Chesapeake Bay Program Office, 410 Severn Avenue, Suite 109, Annapolis, MD 21403. 800-YOURBAY or [www.chesapeakebay.net](http://www.chesapeakebay.net)
- *Chesapeake Classrooms*. [www.cbf.org/site/PageServer?pagename=edu\\_educators\\_ChesapeakeClassrooms\\_homepage](http://www.cbf.org/site/PageServer?pagename=edu_educators_ChesapeakeClassrooms_homepage)
- *ChesSIE and Chesapeake Bay Program*. [www.bayeducation.net](http://www.bayeducation.net)
- *Clean Virginia Waterways*. Department of Natural Sciences, Longwood University, Farmville, VA 23909. 434-395-2602 or [www.longwood.edu/cleanva](http://www.longwood.edu/cleanva)
- *Earth Force GREEN: Global Rivers Environmental Education Network*. [www.green.org](http://www.green.org)
- *Envirothon*. [www.envirothon.org](http://www.envirothon.org) and [www.ext.vt.edu/resources/4h/environment/envirothon](http://www.ext.vt.edu/resources/4h/environment/envirothon)
- *Give Water a Hand*. [www.uwex.edu/erc/gwah](http://www.uwex.edu/erc/gwah)  
A national watershed education program designed to involve young people in local environmental service projects. A program of the University of Wisconsin – Environmental Resources Center.
- *GLOBE (Global Learning and Observations to Benefit the Environment)*. [www.globe.gov](http://www.globe.gov)  
A hands-on international environmental science and education program where students use established protocols to gather high quality data and then share the data using the Internet.
- *Global Water Sampling Project: An Investigation of Water Quality*. [www.ciese.org/curriculum/waterproj/index.shtml](http://www.ciese.org/curriculum/waterproj/index.shtml)
- *GREEN: Global Rivers Environmental Education Network*. [www.green.org](http://www.green.org)
- *Healthy Water, Healthy People*. <http://www.healthywater.org>  
This water quality education program is sponsored by Project WET ([www.projectwet.org](http://www.projectwet.org)) and the Hach Scientific Foundation. The program offers hands-on activity guides, testing kits, networking/training opportunities and extensive online resources. The activity guide features classroom lessons with test kit extensions that can be used to prepare students to conduct meaningful field investigations. Healthy Water, Healthy People materials can be ordered online by anyone interested in teaching about water quality.
- *Integrating the Chesapeake Bay Workshop: Grades 3–5*. Huff, J., Mehan, J., & Sipek, M. (2002). Louisa County Public Schools: VA.
- *Learning and Assessing Science Process Skills*. Rezba, R. J., Sprague, C. S., Fiel, R. L., Funk, H. J., Okey, J. R., & Jaus, H. H. (3rd Ed.). (1995). Dubuque, IA: Kendall/Hunt Publishing Company.

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- *Love-A-Tree*. <http://loveatree.com>  
Boxes with lesson plans and teaching tools are available from the VA Department of Environmental Quality (Environmental Education Office).
- *Mid-Atlantic Marine Education Association*. [www.mamea.org](http://www.mamea.org)  
Organization for marine and aquatic environment educators. Annual conference, state mini-conferences, awards and grants program, newsletter, and web site. (*National Marine Educators Association*. [www.marine-ed.org](http://www.marine-ed.org))
- *National Ocean Sciences Bowl*. [www.vims.edu/bcb](http://www.vims.edu/bcb)
- *Ocean Planet: Interdisciplinary Marine Science Activities*. Smithsonian Center for Education and Museum Studies. <http://educate.si.edu>
- *Pennsylvania Department of Environmental Protection*. [www.dep.state.pa.us](http://www.dep.state.pa.us)
- *Plastic Debris Teaching Activities*. Oregon State University Extension Sea Grant. OSU Extension Sea Grant, Hatfield Marine Science Center, Newport, OR 97365.
- *Pollution Solutions: Litter Prevention Activities for Virginia Teachers*. (1997). Virginia Resource-Use Education Council. [www.deq.state.va.us/education/polsul](http://www.deq.state.va.us/education/polsul)
- *Project Learning Tree*. [www.plt.org](http://www.plt.org) and [www.plt.org/curriculum/virginia.cfm](http://www.plt.org/curriculum/virginia.cfm)  
An environmental education program using trees and the environment as a window to the world. Offered through the Virginia Department of Forestry.
- *Project Underground*. Virginia Department of Conservation and Recreation. [www.dcr.state.va.us/underground.htm](http://www.dcr.state.va.us/underground.htm)
- *Project WET: K-12 Curriculum & Activity Guide*. The Watercourse and the Council for Environmental Education. (1995). Project WET, 201 Culbertson Hall, Montana State University, Bozeman, MT 59717. 406-994-5392 or [www.projectwet.org](http://www.projectwet.org) and [www.deq.state.va.us/education/wetinfo.html](http://www.deq.state.va.us/education/wetinfo.html)
- *Project WILD, including Aquatic Project WILD*. [www.projectwild.org](http://www.projectwild.org) and [www.dgif.state.va.us/education/proj\\_wild\\_sol\\_science.html](http://www.dgif.state.va.us/education/proj_wild_sol_science.html)
- *Save Our Seas: A Curriculum for Kindergarten Through the Twelfth Grade*. The Ocean Conservancy. Pollution Prevention and Monitoring Office, 1432 N. Great Neck Road, Suite 103, Virginia Beach, VA 23454. 757-496-0920 or [www.oceanconservancy.org](http://www.oceanconservancy.org)
- *Save Our Streams*. [www.sosva.com](http://www.sosva.com)
- *Science & Children*. (Science teaching for grades K-8.) National Science Teachers Association, 1840 Wilson Boulevard, Arlington, VA 22201. 703-243-7100 or [www.nsta.org](http://www.nsta.org)
- *Science Scope: The Journal for Middle and Junior High School Science Teachers*. (Science teaching for grades 5-9.) National Science Teachers Association, 1840 Wilson Boulevard, Arlington, VA 22201. 703-243-7100 or [www.nsta.org](http://www.nsta.org)
- *Science Museum of Virginia Science Tools for Teachers*. [www.smv.org](http://www.smv.org)
- *Students and research: Practical strategies for science classrooms and competitions*. Cothron, J. H., Giese, R. N., & Rezba, R. J. (3rd Ed.). (2000). Dubuque, IA: Kendall/Hunt Publishing Company.
- *The Global Water Sampling Project: An Investigation of Water Quality*. [www.ciese.org/curriculum/waterproj/index.shtml](http://www.ciese.org/curriculum/waterproj/index.shtml)  
This is a collaborative project opportunity for students. Students complete a relatively short-term water monitoring project, and share data online. A project of the Center for Improved Engineering and Science Education (CIESE) located at Stevens Institute of Technology.
- *The Ocean Conservancy*. Pollution Prevention and Monitoring Office, 1432 N. Great Neck Road, Suite 103, Virginia Beach, VA 23454. 757-496-0920 or [www.oceanconservancy.org](http://www.oceanconservancy.org)
- *The Science Teacher*. (Science teaching for grades 7-12.) National Science Teachers Association, 1840 Wilson Boulevard, Arlington, VA 22201. 703-243-7100 or [www.nsta.org](http://www.nsta.org)

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- *The Volunteer Monitor: The National Newsletter of Volunteer Watershed Monitoring.* River Network, 520 SW 6th Avenue, Suite 1130, Portland, OR 97204. 503-241-3506 or [volmon@rivernetwork.org](mailto:volmon@rivernetwork.org) for free subscription or back issues. Back issues are also available at [www.epa.gov/owow/volunteer/vm\\_index.html](http://www.epa.gov/owow/volunteer/vm_index.html)
- U.S. Environmental Protection Agency. [www.epa.gov](http://www.epa.gov)
- U.S. EPA Water Information. [www.epa.gov/water](http://www.epa.gov/water)
- U.S. EPA Listing of Water Curriculum Resources. [www.epa.gov/teachers/curriculumwater.html](http://www.epa.gov/teachers/curriculumwater.html)
- U.S. Geological Survey. *Water Resources of the U.S.* <http://water.usgs.gov>
- Virginia Association of Science Teachers (VAST). [www.vast.org](http://www.vast.org) (National Science Teachers Association (NSTA). [www.nsta.org](http://www.nsta.org))
- Virginia Department of Conservation and Recreation. [www.dcr.state.va.us](http://www.dcr.state.va.us)
- Virginia Department of Environmental Quality. [www.deq.state.va.us](http://www.deq.state.va.us)
- Virginia Department of Environmental Quality Office of Litter Prevention and Recycling. [www.deq.state.va.us/recycle](http://www.deq.state.va.us/recycle)
- Virginia Department of Environmental Quality Water Programs. [www.deq.state.va.us/water](http://www.deq.state.va.us/water)
- Virginia Department of Forestry. [www.dof.state.va.us/coned/index.shtml](http://www.dof.state.va.us/coned/index.shtml)
- Virginia Department of Game and Inland Fisheries. [www.dgif.state.va.us](http://www.dgif.state.va.us)
- Virginia Department of Mines, Minerals, and Energy. [www.mme.state.va.us/dmr/FAQ/Materials/educmtls.htm](http://www.mme.state.va.us/dmr/FAQ/Materials/educmtls.htm)
- Virginia Institute of Marine Science. P.O. Box 1346, Gloucester Point, VA 23062. 804-684-7000 or [www.vims.edu](http://www.vims.edu)
- Virginia Save Our Streams (SOS). <http://www.sosva.com>
- Virginia Water Resource Research Center. [www.vwrrc.vt.edu](http://www.vwrrc.vt.edu)
- Virginia's Waterways Website (VA Department of Conservation and Recreation). [www.dcr.state.va.us/waterways/index.htm](http://www.dcr.state.va.us/waterways/index.htm)
- Virginia's Natural Resources Education Guide: Information, Activities, and Resources for Elementary Teachers. (1998). Virginia Resource-Use Education Council. [www.deq.state.va.us/vanaturally/guide.html](http://www.deq.state.va.us/vanaturally/guide.html) and [www.vanaturally.com/guide.html](http://www.vanaturally.com/guide.html)
- Virtual Marine Education Center at VIMS. [www.vims.edu/k-12](http://www.vims.edu/k-12)
- *Waterways: Links to the Sea. An Activity Guide for Grade 3-5 Teachers on Cleaning Up Coastal Waters.* (1995). Shore Stewards Partnership, State House Station 38, Augusta, Maine 04333. 207-287-3261
- Water Wizard Van. [www.ext.vt.edu/resources/4h/wizard](http://www.ext.vt.edu/resources/4h/wizard)
- WAVE (Watershed Action for Virginia's Environment). [www.cbf.org/site/PageServer?pagename=edu\\_educators\\_curriculum\\_va\\_index](http://www.cbf.org/site/PageServer?pagename=edu_educators_curriculum_va_index)
- "Yellow Pages" of conservation agencies and organizations in each of Virginia's watersheds. Compiled by the Virginia Department of Conservation and Recreation. [www.dcr.state.va.us/sw/wsheds.htm#contacts](http://www.dcr.state.va.us/sw/wsheds.htm#contacts)

