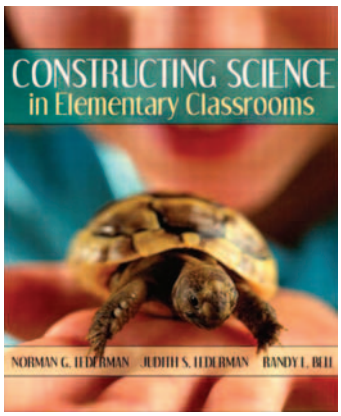
# RESOURCES




Following is a list of recent research-based books and important national organizations.

*Constructing Science in Elementary Classrooms,* by Norman G. Lederman, Judith S. Lederman, & Randy L. Bell (Boston, MA: Allyn & Bacon, 2004).

*Developing Inquiry-Based Science Materials: A Guide for Educators,* by Herbert D. Thier with Bennett Daviss (New York, NY: Teachers College Press, 2001).

*Discovering Elementary Science: Method, Content, and Problem-Solving Activities* (3rd ed.), by Marvin N. Tolman (Boston, MA: Allyn & Bacon, 2002).

*Good Practice in Science Teaching: What Research Has To Say,* edited by Martin Monk & Jonathan Osborne (Philadelphia, PA: Open University Press, 2000).

*Inquire Within: Implementing Inquiry-Based Science Standards,* by Douglas Llewellyn (Thousand Oaks, CA: Corwin Press, 2002).

*Inquiry and the National Science Education Standards: A Guide for Teaching and Learning,* edited by Steve Olson & Susan Loucks-Horsley (Washington, DC: National Academy Press, 2000).

*Internet Environments for Science Education,* edited by Marcia C. Linn, Elizabeth A. Davis, & Philip Bell (Mahwah, NJ: Lawrence Erlbaum, 2004).

*Learning and Understanding: Improving Advanced Study of Mathematics and Science in U.S. High Schools,* edited by J.P. Gollub et al. (Washington, DC: National Academy Press, 2002).

*Mixing It Up: Integrated, Interdisciplinary, Intriguing Science in the Elementary Classroom,* by the National Science Teachers Association (Arlington, VA: NSTA Press, 2003).

*The New Science Literacy: Using Language Skills To Help Students Learn Science,* by Marlene Thier with Bennett Daviss (Portsmouth, NH: Heinemann, 2002).

*Rubrics for Assessing Student Achievement in Science, Grades K-12,* by Hays B. Lantz, Jr. (Thousand Oaks, CA: Corwin Press, 2004).

*Transforming Teaching in Math and Science: How Schools and Districts Can Support Change,* by Adam Gamoran et al. (New York, NY: Teachers College Press, 2003).

### Organizations

*National Science Teachers Association* is the foremost professional organization for science teachers in the U.S. Along with many classroom resources and professional development opportunities, it also publishes a journal for each grade configuration. www.nsta.org

*Science & Children*
www.nsta.org/elementaryschool#journal

*Science Scope*
www.nsta.org/middleschool#journal

*Science Teacher*
www.nsta.org/highschool#journal

*The National Teachers Enhancement Network* (NTEN), operated by Montana State University-Bozeman and funded by the National Science Foundation, provides online professional development courses for K–12 science teachers. Its Web site has a useful resources page and an online discussion forum for teachers. www.scienceteacher.org

*Sites for Teachers* is a gateway site that includes a science page with lesson plans, instructional materials, and links to the major science education organizations. www.sitesforteachers.com/resources_sharp/index.html

For additional resources, see our Web exclusive.

Resource Annex