Back to School with Chemistry

The American Chemical Society is the world’s largest scientific society with over 160,000 members who realize the importance of teaching kids science. So ACS develops a variety of resources to help you teach your students developmentally appropriate chemistry concepts, the process of scientific investigation, and the importance of science in our daily lives.

Find the resources that are right for you and your students. You can be assured that all hands-on activities use inexpensive household materials and have been reviewed by chemists for safety and accuracy.

Apples, Bubbles, and Crystals
Read a poem and do a science activity for each letter of the alphabet.

Sunlight, Skyscrapers, and SodaPop
Kids discover that science is all around them as they spend a day with Sally and Sammy and do hands-on activities with them.

$12 for both books

PRE-K TO 2

Science for Kids at www.acs.org/kids
Supplement your science curriculum with nearly 150 hands-on activities organized by content standard.

The Best of WonderScience
Help your students better understand science concepts with this comprehensive collection of over 600 activities using household materials.

$35 for 2 volumes

GRADES 2–6

Inquiry in Action
Learn both chemistry-related physical science content and the process of scientific inquiry as you investigate scientific questions. $20

Inquiry in Action Web Companion at inquiryinaction.org
Download the book Inquiry in Action for free, view molecular model animations, and communicate with other teachers who have used activities from this book with their students.

Inquiry Matters workshops
Attend an ACS workshop at any of the NSTA Conferences on Science Education. Summer workshops and the option to bring a workshop to you are also available.
Back to School with Chemistry Grades 9–12

The American Chemical Society provides products, programs and services that promote excellence in science education. Learn more about our resources for high school students and educators below.

**ChemMatters Magazine**
ChemMatters is an award-winning quarterly magazine that reveals chemistry at work in everyday life. A teacher’s guide and other supplements are included with each issue. Individual and bulk subscriptions are available.

**Green Chemistry**
ACS aims to increase awareness and understanding of Green Chemistry principles, alternatives, practices, and benefits within traditional educational institutions and among practicing scientists. Resources for classroom use have been developed by the Green Chemistry Institute and the ACS Education Division.

**Chemistry in the Community**
This first-year high school chemistry textbook explores the fundamentals of chemistry through societal issues. With Chemistry in the Community, students learn concepts on a need-to-know basis, evaluate data, and make decisions based on their knowledge and observations.

**ACS High School Chemistry Clubs**
The ACS High School Club Program supports high school chemistry clubs in exploring the chemical sciences through after-school activities, social events, and community service. Teachers and students who participate are provided with resources to plan club meetings and activities.

**Chemistry Olympiad**
The U.S. National Chemistry Olympiad and the International Chemistry Olympiad are multi-tiered competitions that bring together the world’s most talented high school students to test their knowledge and skills in chemistry.

**Project SEED**
The ACS Project SEED program opens new doors for economically disadvantaged students to experience what it’s like to be a chemist. Students entering their junior or senior year in high school are given a rare chance to work alongside scientist-mentors on projects in industrial, academic and federal research laboratories, discovering new career paths as they approach critical turning points in their lives.

**Workshops for Teachers**
If you’re a high school chemistry teacher, improve your course curriculum and teaching skills while gaining continuing education units by enrolling in an ACS high school teacher workshop.

For more information on these products and programs, visit www.acs.org/education