ALL GRADES

Eye protection for students and teachers

Protect your eyes and look like a scientist with your own fog-free safety goggles. Junior goggles fit most children ages 6–12. The adult size is best for some children and most adults.

www.acs.org/k8education

1 Box of 24 Junior Goggles
PRODUCT 83438JR — $90.00

1 Box of 24 Adult Goggles
PRODUCT 83438AD — $90.00

GRADES 6 AND BEYOND

Podcasts and videos featuring current events in chemistry

Show your students that the processes of discovery and invention are not just a thing of the past: they are occurring today! These short stories from our scientific journals demonstrate how scientific knowledge continues to grow and affect our daily lives.

- Available via iTunes
- Clear explanations and examples

www.bytesizescience.com

GRADES 2–5

Free hands-on activities for school or home!

Science for Kids

Explore science topics with safe, inexpensive, common materials. Interactive articles help students learn more about each topic.

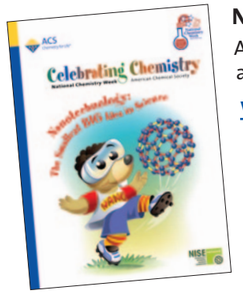
- Chemical and physical change
- Materials
- Solids, liquids, and gases
- Motion and energy
- Planet Earth
- Your body
- Art and toys

www.acs.org/kids

GRADES 3–6

Celebrate chemistry in your classroom!

Free themed resources include hands-on activities, articles, and puzzles.



National Chemistry Week

A week-long celebration centered around Mole Day on October 23

www.acs.org/ncw

Earth Day

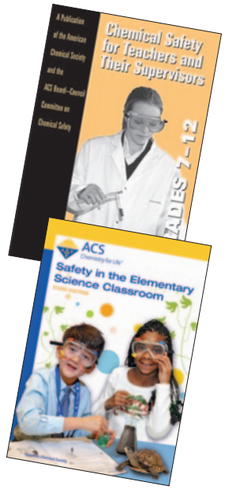
April 22

www.acs.org/earthday

ALL GRADES

Classroom safety recommendations

Chemical safety experts help identify hazards before they become accidents. Read *Safety in the Elementary Science Classroom, K–6* or *Chemical Safety for Teachers and Their Supervisors, Grades 7–12* to ensure that science activities and experiments are safe for you and your students.



- Proper eye and other personal protection
- Safe practices when using fire or other heat sources
- Dangers associated with common materials

www.acs.org/k8education

About the American Chemical Society

ACS is the world's largest scientific membership organization. ACS publishes scientific journals, delivers the most up-to-date chemical information, provides opportunities for chemists to develop their careers, and produces chemistry education resources for students and teachers at every level.

Contact ACS staff at k8education@acs.org, help@acs.org, or 800-227-5558 for additional information about the resources ACS offers at the elementary and middle school levels.

ACS
Chemistry for Life®

For more information go to www.acs.org/k8education

ACS
Chemistry for Life®

K-8 Science Education Resources

for Elementary and Middle School Teachers

www.acs.org/k8education

American Chemical Society

Order Now!
www.acs.org/store
1-800-227-5558

Teach Science by Doing Science!

Multimedia resources developed by the American Chemical Society especially for elementary and middle school teachers

GRADES 6–8

Teach your students about the fascinating world of atoms and molecules.

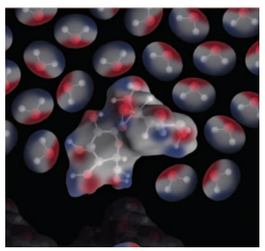
Middle School Chemistry: Big Ideas about the Very Small

To help students develop a deeper understanding of chemistry, this free online resource includes:

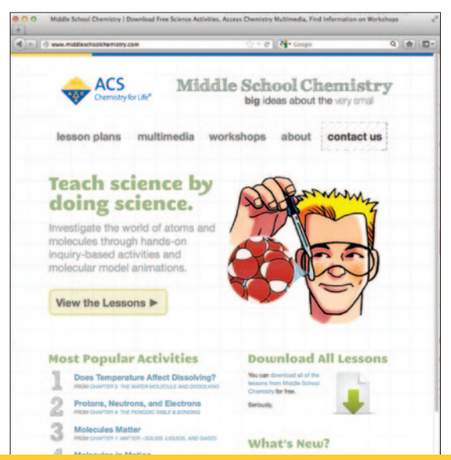
- Fully-developed 5E lesson plans with student activity sheets
- ~~Correlations to state science standards~~
- Videos and explanations for teacher background
- Molecular model animations that complement the hands-on activities

The demonstrations and hands-on activities cover:

- Matter — solids, liquids, and gases
- Changes of state
- Density
- The periodic table and bonding
- The water molecule and dissolving
- Chemical change



Available FREE online
www.middleschoolchemistry.com

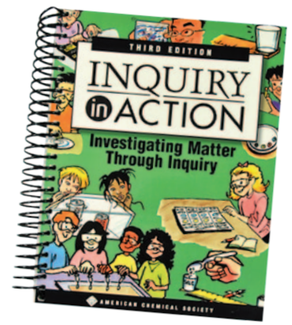


GRADES 3–6

Inquiry-based chemistry lessons for upper elementary students

Inquiry in Action: Investigating Matter Through Inquiry

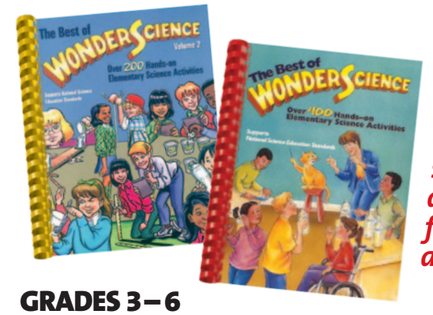
Use lessons to teach chemistry-related physical science and scientific inquiry. Hands-on activities explore common phenomena so students realize that science is part of their lives. This publication includes:



- Guided inquiry activities with student activity sheets, readings, and assessments
- Lessons that build on one another to fully develop key concepts
- Correlations to state science standards
- Teacher background information with molecular models and explanations

Available FREE online
www.inquiryinaction.org

Spiral Bound
450-Page Edition
PRODUCT 74274 — $24.95



Hands-on science activities for school and home

GRADES 3–6

The Best of WonderScience

Teach fundamental science concepts. More than 600 illustrated activities explore everyday science.
~~Hands-on activities:~~

- Cover 97 topics in science
- Use common, inexpensive, and safe materials

Two-Volume, Spiral Bound Set
PRODUCT 80943—$44.95/Set

GRADES K–2

Two delightful books for emerging readers!

Apples, Bubbles, and Crystals and *Sunlight, Skyscrapers, and Soda Pop*

Help younger students discover that science is all around them.

- Hands-on activities embedded within each story
- Cartoon animal creatures explain each activity

Buy both books and save!
PRODUCT PH19 — $16.95

Apples, Bubbles, and Crystals
PRODUCT PH14 — $9.95

Sunlight, Skyscrapers, and Soda Pop
PRODUCT PH18 — $9.95

GRADES 3–5

Hands-on science activity kit

Jiggle Gels: Explore Properties of Polymers

This kit is a creative, fun way to explore the physical change and invention standards in your curriculum. Students use metric measurements as they investigate physical changes in three different types of polymers. These substances are used in baby diapers, toys that grow in water, and in the "slime" made by students. As they explore, students consider how the amazing properties of polymers are used in a variety of products.

The activity kit includes:

- Supplies and lab guides for up to 32 students
- Lesson plans and chemistry explanations
- Two demonstrations and three related hands-on activities

Each kit also includes grow-your-own Gro Dinosaurs and 32 pieces of translucent green slime — great for take home!

Jiggle Gels: Explore Properties of Polymers
PRODUCT 83241 — $48.00

For more information go to www.acs.org/k8education

To order, go to www.acs.org/store or call 1-800-227-5558