

**Products for every  
teaching topic:**

Matter, Electrolysis,  
Molecular Models,  
Solubility, and More!

# The Definitive Chemistry Source

## Take Stock of Everything Chemistry

**From concepts to demonstrations:**

***We're with you all the way!***

- Wide Selection
- Superior Service
- Standards-Aligned Kits
- One-on-One Support

**ward's  
science+**

# Simplifying Chemistry Success:

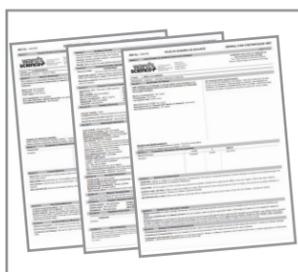
## Making hands-on learning accessible and safe.

- Properties of Matter • Chemical Reactions • Stoichiometry
- Thermochemistry • Kinetics • Acids & Bases
- Nuclear Chemistry

Discover high-quality activities, models, and supplies to support lesson plans for safe learning about chemicals and their interactions.



Easy to understand chemical labels



Safety Data Sheets Online for every chemical we sell



Color-coded storage makes it easy



Chemistry-in-the-bag demonstrations

### Meet Classroom Safety Requirements and Keep Students Safe with Simple Resources

- Updated GHS-compliant chemical labels and Safety Data Sheets
- Widest selection of materials to make your lab GHS-compliant
- Every product page includes the SDS for your convenience
- The easiest and safest color-coded chemical storage system
- Web-based Chemical Inventory Management System to easily track and manage chemical inventory across multiple locations

### The Chemical Grades You Need Available in One Place

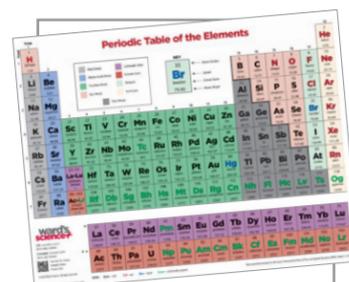
- Whether you need ACS, laboratory, reagent, or research-grade chemicals, we're the only supplier that can provide all three, in stock or upon request
- Flexible quantities and pricing to meet your lab needs—purchase supplies for a single experiment or an entire year

### Lab Equipment and Kits to Stock Your Lab and Educate Students

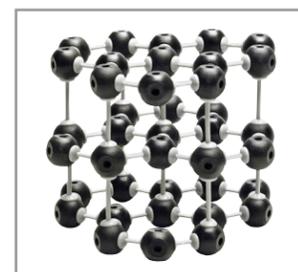
- Hands-on activities and pre-assembled materials make it easy to start exploring right out of the box
- Exclusive Chemistry-in-the-Bag demonstrations provide a safe and mess-free way for students to learn chemistry concepts

# Shopping for Chemistry Supplies Made Easy

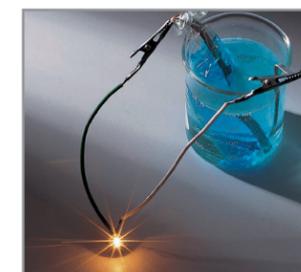
Everything you need, from introductory to advanced resources.



Periodic Tables



Chemistry Models



Chemistry Lab Activities



Lab Equipment & Supplies

### Periodic Tables

- Wide selection of periodic tables and formats to fit your classroom and student needs
- Choose from dozens of options for reference and in-class instruction
- Available in traditional notebook, poster, and bookmark size, plus a variety of interactive puzzles, games, and activities to reinforce key information. Get a FREE digital download here: [wardsworld.wardsci.com/home/periodic-table-download](http://wardsworld.wardsci.com/home/periodic-table-download)

### Chemistry Models

- Visual representation of elements and atomic structures for deeper student understanding
- Engage hands-on learners with tangible pieces
- Ideal for group discussion, demonstration, or individual study
- Models for every topic

### Chemistry Lab Activities

- Every grade level and every topic
- Easier setup and cleanup, with less mess
- Save time with pre-organized materials so you can focus on teaching instead of preparing
- Comprehensive activity guides written by our in-house chemists and former educators for in-depth study and reliable results

### Lab Equipment & Supplies

- Outfit your chemistry lab with a wide selection of labware and equipment for every application
- Safety supplies and equipment to protect your students in the lab
- Full-service furniture solutions for your science department or lab



Visit our resources page to take stock of everything chemistry.



Browse our Chemistry and Chemicals page to shop over 3,500 chemicals plus equipment, models, activity kits, and safety supplies.



# Solutions That Matter:

## Ready-to-go Kits for Every Lesson

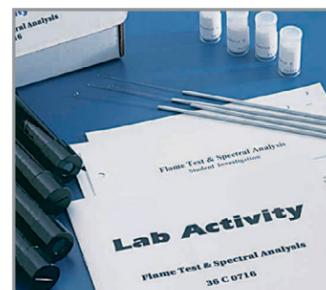


### Our Kits make planning easy and learning fun:

The simple and effective way to support safety and learning for every chemistry topic. From beginners to advanced placement, these kits will get a positive reaction from students!



Ward's® Chemical Start-Up Kit



Ward's® Flame Test and Spectral Analysis Lab Activity



Ward's® Essentials Acids, Bases, and the pH Scale Lab Kit

### Ward's® Science Chemical Start-Up Kit 470306-998

Includes top chemicals for High School Education, making it perfect for new schools or for refreshing your stockroom. It offers the safest, highest-quality chemicals in one convenient package.

### Ward's® AP Chemistry Investigations, 16 Kit Bundle 470306-992

Includes all 16 AP Chemistry Investigations aligned with the new College Board requirements. It offers an easy-order, pre-measured, and pre-organized setup to help you save time and confidently transition your AP Chemistry curriculum.

### Ward's® Flame Test and Spectral Analysis Lab Activity 470012-260

Use the same methods astronomers use to analyze star compositions. Includes spectrosopes to observe the spectra of chemical salts when heated in a flame for a vivid, hands-on learning experience.

### Ward's® Essentials Acids, Bases, and the pH Scale Lab Kit 470225-526

Study the effects of acids and bases on pH indicators, test the pH of common household materials, and apply the knowledge to identify the composition of four unknown solutions.



Ward's® Formation of Esters Lab Activity



Ward's® Chromatography of Spinach Kit



Ward's® Chemical Elements for Observation



Ward's® Slime Making Lab Activity

### Ward's® Formation of Esters Lab Activity 470018-102

Use Fischer esterification reaction to synthesize various esters with organic acids and alcohols. Students practice stoichiometry skills.

### Ward's® Chromatography of Spinach Kit 470024-176

Study different affinities for mobile and stationary phases in chromatography. Quick plant pigment yields make it easier than traditional solvent extractions. Teach paper chromatography basics, calculate the rate of flow (R<sub>f</sub>), and observe a chromatogram displaying various plant pigments.

### Ward's® Chemical Elements for Observation 470010-846

A fun way to learn about the elements. Includes 23 chemical elements from 14 different Groups and five Periods, each packaged in clear plastic bottles and labeled with the element's name.

### Ward's® Slime Making Lab Activity 470024-078

This goopy substance is a great introduction to polymers. Students get a "hands-in" experience learning the kinds, uses, and examples of polymers, their disposal, and biodegradability. Non-toxic.

# Shopping for Chemistry Supplies Made Easy

## Lab Equipment & Supplies

- Outfit your chemistry lab with labware and equipment for every application
- Safety supplies and equipment to protect your students in the lab
- Full-service furniture solutions for your science department or lab

## Chemical Storage System & Cabinets

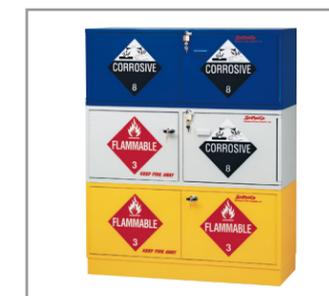
- Chemical storage cabinets for every lab and budget
- Safest and easiest color-coded chemical storage system
- Convert confusing numerical systems to easier OSHA/WHMIS-compliant industry standards
- 4X simpler than any other chemical storage system
- Featuring five easy storage categories vs. up to 20 complicated categories with other chemical storage systems

## Probeware

- Enhance student understanding of hands-on chemistry lessons.
- Effortlessly collect precise digital data
- Create graphs and analyze trends in real time



Goggles, Gloves, Aprons & Lab Coats

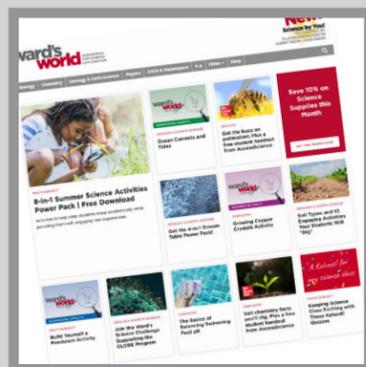


Chemical Storage Cabinets

For questions or help finding supplies to meet your standards, contact your local sales rep today at [wardsci.com/repfinder](http://wardsci.com/repfinder)

# ward's world

## Discover Exciting Chemistry Teaching Resources!

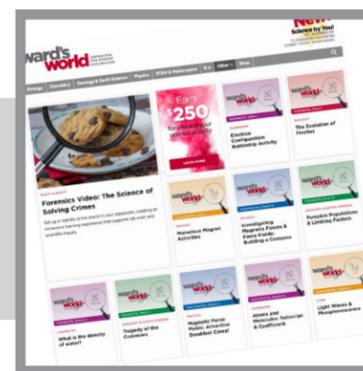


**Ward's World** is your go-to resource for classroom ideas, inspiration, and **free** science information and activities. We cover every grade level and science subject, including Biology, Chemistry, Physics, Earth Science/Geology, STEM, Safety, and Makerspace. Check out [wardsworld.com](http://wardsworld.com) today!

# Ward's World Exclusive:

## ward's world

Science by You



**Science By You:** The exclusive classroom-tested resource for unique and clever ways of teaching some of the most common teaching topics. **By teachers for teachers.**

<p><b>CHEMISTRY</b> Demonstrate Oxidation States of Manganese with this Colorful Free Activity Download</p>	<p><b>CHEMISTRY</b> Atoms and Molecules: Subscript &amp; Coefficient</p>	<p><b>CHEMISTRY</b> A Battery of Hands-On Science Fun with this Free Orange Clock Activity</p>	<p><b>CHEMISTRY</b> Want the Facts on Heat Transfer? No Sweat. Plus a Free Student Handout from AccessScience</p>
<p><b>MULTI-SUBJECT</b> Free Periodic Table Download</p>	<p><b>CHEMISTRY</b> Go for the Gold at the Mole-lympic Games</p>	<p><b>CHEMISTRY</b> Radiation Facts; Plus a free student handout from AccessScience</p>	<p><b>CHEMISTRY</b> Cross-Link Science and Fun with this Free Joke Juice Activity</p>

Articles from Education Partners

Articles & Activities from Ward's Experts

Science by You

Activities

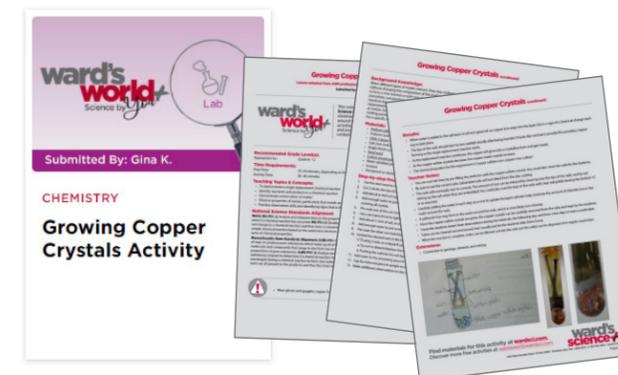
Science by You

FREE Downloads

### Chemistry on Ward's World

A dedicated chemistry section filled with resources to enhance classroom teaching.

- Get articles, activities, and downloadable content covering a wide range of chemistry topics, from pH basics and copper crystals to iodine clocks and density columns.
- Find innovative ideas to engage students and practical tips for equipment like microscopes, thermometers, Bunsen burners, and more, all designed to make chemistry education more interactive and inspiring.

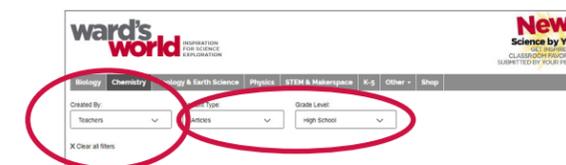


Get fresh takes on routine topics. Think of it as your go-to library for science teaching:

- **Engaging Activities:** Discover hands-on, jaw-dropping activities that make learning a blast.
- **Classroom-Tested Content:** Every resource on our Science-By-You platform has been tried and tested in real classrooms, ensuring that what you find is creative and effective.
- **Aligned to teachers' needs:** Content covering various teaching topics, grade levels, safety requirements, and standards, including supply lists and step-by-step procedures.

Who is Science By You For?

- K-12 science teachers and anyone sharing a passion for science education, learning, and cool science stuff.
- Easy filters and drop-down navigation allow users to search by subject, grade level, or resource type to find relevant content.



Visit us today at [wardsworld.com](http://wardsworld.com)

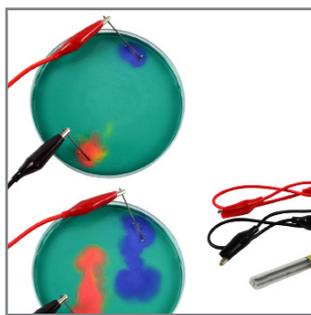


# Unmatched Service and Support for Classroom Success.

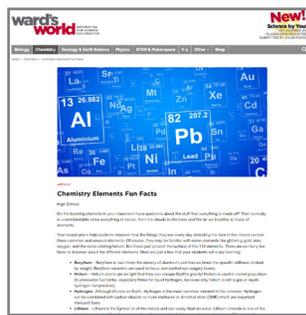
## We've Got You Covered



Widest selection



Standards-aligned kits



Helpful Resources



Don't miss our monthly deals!  
[wardsci.com/cms/month\\_long\\_offer](http://wardsci.com/cms/month_long_offer)

### Everything for Hands-On Science Discovery:

- Every teaching topic
- Every level of study
- More options to meet your unique needs

### Superior Service

Time-saving services and solutions to make your life easier:

- Pre-prepped lab activities
- Easy ordering options

### Standards-Aligned Kits

Find just what you need:

- Meet common curriculum standards
- Easy-to-follow teacher and student guides
- Custom kitting options

### Helpful Resources

Free online resources for everything from product information to lesson inspiration:

- How-to videos and product demos
- Instructional manuals, software downloads, and more.

### One-On-One Support

- In-house science and education experts with decades of lab and classroom experience, ready to answer product questions and provide technical support

Just ask [sciencehelp@avantorsciences.com](mailto:sciencehelp@avantorsciences.com)



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