Now Better Than Ever!

The New & Improved Science Online

We are delighted to announce a complete revision and upgrade of Infobase’s acclaimed Science Online. This trusted resource was rebuilt from the ground up and features:

- New, dynamic design that facilitates STEM research and learning
- New, interactive experiments that replicate the in-class laboratory experience in a safe and user-friendly environment
- New Topic Centers that provide comprehensive coverage of the most studied science disciplines
- New curriculum tools and complete sources index
- New videos and video clips that reinforce visual learning
- Now includes the full, updated content from our unique, award-winning science eLearning Modules—including Teacher Support materials

PLUS—Science Online continues to provide all of the essential information users need to research, study, and explore science.

eSchool News Readers’ Choice Award
SIIA CODiE Awards Finalist
Webby Awards Official Honoree
W3 Silver Award
Now Better Than Ever!

New & Improved Home Page

Key Content
Key content—including the new eLearning Modules, interactive experiments, and more—has been hand-picked by our editors to guide and inform research. See the following pages for details.

Quick & Easy Access
The new home page gives an at-a-glance overview of core content, specially selected by our editors.

Topic Centers
New, editorially curated Topic Centers are conveniently gathered in one place, organized by science discipline—see next page for details.

Science in the News
Featured news stories from the award-winning collection of articles that compose Today's Science.
New, Core Topic Centers

Editorially Curated Topic Centers

Each Topic Center provides specially selected content on a core science discipline to help users find a starting point for their research—a virtual study guide for each subject.

Suggested Reading and Suggested Searches: Handpicked selections showcase the best resources for each topic, including in-depth overview essays, and provide guidance for research.

Videos and Animations reinforce visual learning, stimulate interest, and provide convenient overviews and discussion starters.

Related key resources provide relevant visual material to help explain important or complex topics and principles.

Timelines Searchable timelines help put discoveries and milestones in historical context.
New & Improved eLearning Modules

Now Better Than Ever!

eLearning Modules
Focused, targeted coverage of a variety of core curriculum topics—perfect for use in classrooms and libraries for research and homework help

Includes the full, updated content of nine science eLearning Modules:
- Biomes of the Earth
- Energy and the Environment
- Essential Chemistry
- Genetics and Evolution
- Global Warming
- Green Technology
- The Human Body: How It Works
- Physics in Action
- The Plant World

Important Educator Resources
Each eLearning Module comes with valuable Lesson Plans, including:

- Learning objectives
- Activities and projects
- Printable handouts and support materials
- Discussion questions
- Relevant images and videos
- Assessment questions with answer keys
Now Better Than Ever!

New Interactive Experiments

Experiments for All Learners

Exciting interactive science experiments replicate the in-class laboratory experience in a safe and user-friendly environment. Easily accessible for all types of learners—can be used in class or assigned for flipped classrooms. Users can repeat the experiment as many times as they need to learn the concept.

Each interactive experiment includes:

- **Introduction**: Explains the purpose of the experiment and the principle(s) it demonstrates
- **List of Materials**: Shows the components that will be used in the experiment
- **Instructions**: A step-by-step guide to how to perform the experiment
- **The Experiment**: A virtual laboratory where the user performs the experiment; data tables are built into the experiments so users can record data while performing them
- **Analysis**: Thought-provoking questions and instructions on how to compile the data, ensuring users understand the principle
- **Answers**: Shows the correct results for that experiment
Now Better Than Ever!

New & Improved Search Options

More Information
Search results contain an excerpt of the article text, making it easier for users to find exactly what they are looking for.

Save Your Searches
Users can save searches for later use.

Better Filters
Improved search feature with new filters by type enables users to find exactly what they need.

Search by Standards
Content is correlated to all major educational standards (Advanced Search feature).
Now Better Than Ever!

New & Improved Article Pages

Improved Functionality
New page tools provide added functionality, including Read Aloud, Cite, and the ability to download text articles as PDFs.

Cleaner Pages
Search highlighting can easily be turned off for easy reading or kept on to see search terms.

Handy Record Information
Record information provides a quick link to view the source details and additional information to aid research.

Dynamic Citations
Citations in MLA, APA, and Chicago formats include EasyBib integration for up-to-date citation creation and export.

New Tags
All content includes a tag “cloud” that displays key terms and automatically links to other content with the same tags.
Now Better Than Ever!

New & Improved Source Information

Better Source Pages
Source information includes valuable summary details and provides access to other articles or videos from that same source.

Comprehensive Source Lists
The top-level source list gives a complete inventory, by type, of the extraordinary amount of content in Science Online; this dynamic, sortable list can be exported to Excel and updates automatically as content is added or modified.
Now Better Than Ever!

Additional New Features

• Fully redesigned interface
• Searchable by Common Core, national, state, provincial, International Baccalaureate Organization, National STEM, and Next Generation Science Standards
• Real-time, searchable Reuters® newsfeed
• Dynamic citations in MLA, APA, and Chicago styles, with EasyBib export functionality
• Google Translate for 80+ languages
• Read Aloud tool
• New tag “clouds” for all content, linking to other content with the same tags
• A-to-Z topic lists
• Additional video player tools for improved mobile viewing
• Ability for users to set preferences for default language, citation format, number of search results, and standards set for correlations
• Searchable Support Center with invaluable help materials, how-to tips, tutorials, and live help chat.
Now Better Than Ever!

Favorite Content—Now Even Easier to Access

**Comprehensive Coverage:** A wealth of articles, including 1,500 new or updated articles from encyclopedic references on chemistry, computer science, earthquakes and volcanoes, evolution, marine science, and space and astronomy

**Original Diagrams, Tables, and Charts:** Original color diagrams, tables, and charts, with captions, illustrate key concepts

**In-Depth Overview Essays:** Substantial and thorough overview essays, highlighted as Suggested Reading, give extensive background on relevant topics

**Biographies:** Leading computer scientists, astrophysicists, inventors, engineers, environmentalists, women scientists, astronauts, and mathematicians, with images for key people

**Experiments and Activities:** More than 1,300 science experiments and activities, indexed by grade range, subject category, and time required. Great for science fairs!

**Videos and Animations:** A wealth of full-length videos and clips—including more than 3,000 new clips—reinforce visual learning, stimulate interest, and provide convenient overviews and discussion starters

**Featured News Stories** from the award-winning collection of articles that compose *Today’s Science* highlight recent scientific events and discoveries

**Authoritative Source List:** Expertly researched and written content from a wealth of award-winning, proprietary print titles. Facts On File’s 70+ years of expert scholarship and authorship are the backbone of this essential online resource.

*Science Online* is the essential resource for any STEM curriculum.