



## CLASSROOM MAGAZINES

### Science World® Reinforces Science and Literacy Skills



**S**cience World helps middle school and high school students learn science topics in engaging and comprehensive ways. Each issue reinforces essential science skills and understanding of science in our world. *Science World* serves as an excellent resource to supplement students' science learning both inside and outside of the classroom.

#### The following essential skills are addressed in *Science World*:

##### SCIENCE

- **Enhance understanding of Life, Earth, and Physical Science concepts, such as:**
  - Life cycles and characteristics of organisms
  - Characteristics of and changes in population
  - Ecosystems
  - Habitats
  - The human body
  - Health and fitness
  - The environment
  - Climate and weather
  - The solar system
  - Geology
  - Simple machines
  - Energy, mass, and matter
- **Interpret and use data and visual aids usually seen in science texts, including:**
  - Diagrams
  - Graphs
  - Charts
- **Learn science in a relevant and practical way:**
  - Science through the lens of current events
  - Careers in science
  - Teenagers and science
  - Important skills for science fairs and general science work

##### RESEARCH

- **Conduct science experiments:**
  - Follow multi-step directions
  - Manipulate science materials
  - Develop a hypothesis
  - Observe
  - Compare information
  - Draw conclusions
- **Learn and practice skills in preparation for science projects and fairs.**
- **Read about the use of the scientific method and science experiments in order to enhance one's own understanding and application of these skills and concepts.**
- **Read real-life applications of the scientific method in a detailed manner.**

##### TECHNOLOGY

- **Learn about technology through the lens of science.**
- **Participate in related online activities.**
- **Practice using computers.**

**SCHOLASTIC**

**CLASSROOM MAGAZINES**

**Science World for Grades 6–10**

**SOCIAL STUDIES**

- Learn about the following Social Studies concepts through the lens of science:
  - Current events in the past and present
  - Culture
  - History
  - Geography
- Practice map skills.

**MATH**

- Practice science-related math skills, such as:
  - Data compilation
  - Data analysis
  - Statistics
- Practice using and creating a variety of tables, graphs, and charts, including:
  - Bar
  - Line
  - Pie

**TEST PREPARATION**

- Build test-taking stamina through practice tests.
- Practice answering questions similar to those on standardized tests, such as:
  - Multiple choice
  - True or false
  - Fill-in-the-blank
  - Main idea
  - Vocabulary
  - Comprehension

**LANGUAGE DEVELOPMENT**

- Develop listening skills during shared readings and read-alouds.
- Practice conversation skills through discussions of text.
- Learn and use new content vocabulary.

**READING COMPREHENSION**

- Practice reading skills through the lens of science.
- Develop critical thinking skills specifically related to scientific inquiry and “thinking like a scientist.”
- Understand a variety of features often found in nonfiction and science texts, such as:
  - Interviews
  - Illustrations
  - Articles
  - Diagrams
  - Captions
  - Maps
  - Graphs and charts
- Interpret forms of visual literacy, such as photographs and diagrams.

**WRITING**

- Experience writing as an enjoyable activity useful for science.
- Practice writing about scientific research and results in an organized and clear manner.
- Answer written questions related to new topics learned.
- Practice essay writing skills.

Articles about issues relevant to teenagers engage students and appeal to their interests and needs.

Multiple choice questions help students practice their test-taking and reading comprehension skills.

Articles about real-life science experiments conducted by teenagers provide students with detailed examples of the scientific method.

Charts, graphs, and tables help students analyze data and practice reading charts.



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