

A full year of ScienceWorld® hits all your curriculum needs

Our planning calendar (*see reverse*) shows the highlights for 2009–2010.

And below, you can find all the topics that our articles will cover this year.

Check your Teacher's Edition with each issue for specific National Science Education Standards connections.

FULL-YEAR CURRICULUM TOPICS

- Animal adaptations • Atmosphere • Atoms • Buoyancy • Careers • Caves • Cells
- Chemical reactions • Climate change • Dinosaurs • DNA • Earth's layers • Earthquakes
- Ecosystems • Electricity • Electromagnetic spectrum • Elements • Endangered species
- Energy • Environmental protection • Food webs • Forces • Fossils • Friction
- Genetics • Gravity • Habitats • Health • Heredity • Human body • Hurricanes • Inquiry • Insects
- Invasive species • Inventions • Invertebrates • Landforms • Machines • Magnetism • Matter
- Mixtures • Molecules • Motion • Natural resources • Nutrition • Oceans • Periodic table
- Phase Change • Plants • Plate tectonics • Polar regions • Pollution • Scientific method
- Solar system • Symbiosis • Technology • Vertebrates • Viruses • Water cycle • Weather

ScienceWorld *planning calendar September 2009–May 2010*

Here are some highlights* to help you start planning for this year!

ISSUE DATE	FEATURE ARTICLE	CURRICULUM TOPIC	NATIONAL SCIENCE EDUCATION STANDARDS
SEPT. 7, 2009	LIFE: Don't Let the Bedbugs Bite!	Invertebrates/Insects	Grades 5-8: Populations and ecosystems Grades 9-12: Interdependence of organisms
	EARTH: Teenage Dino Hunters	Fossils/Dinosaurs	Grades 5-8: Earth's history Grades 9-12: Origin and evolution of the Earth system
SEPT. 21, 2009	SPECIAL ISSUE: WINNING SCIENCE PROJECT GUIDE	Inquiry/Scientific method	Grades 5-8: Abilities necessary to do scientific inquiry Grades 9-12: Abilities necessary to do scientific inquiry
OCT. 5, 2009	LIFE: NFL Players Advance Science	Biology/Human body	Grades 5-8: Structure and function in living systems Grades 9-12: Matter, energy, and organization in living systems
	PHYSICAL: The Physics of Origami	Technology/Invention	Grades 5-8: Abilities of technological design Grades 9-12: Abilities of technological design
OCT. 26, 2009	LIFE: Vampire Animals	Symbiosis/Parasitism	Grades 5-8: Populations and ecosystems Grades 9-12: Interdependence of organisms
	PHYSICAL: The Great Pumpkin	Machines/Catapults	Grades 5-8: Transfer of energy Grades 9-12: Conservation of energy and increase in disorder
NOV. 9/23, 2009	SPECIAL DOUBLE ISSUE: TEEN LIFE	Science/Society	Grades 5-8: Personal health Grades 9-12: Personal and community health
DEC. 7, 2009	PHYSICAL: Snowflakes Caught on Camera	Matter/Phase Changes	Grades 5-8: Properties and changes of properties in matter Grades 9-12: Structure of atoms
	EARTH: Restoring the Everglades	Ecosystems/Restoration	Grades 5-8: Science and technology in society Grades 9-12: Science and technology in local and global challenges
JAN. 11, 2010	LIFE: Lemurs in the United States	Vertebrates/Endangered species	Grades 5-8: Reproduction and heredity Grades 9-12: Biological evolution
	PHYSICAL: Name That Element!	Elements/Periodic table	Grades 5-8: Properties and changes of properties in matter Grades 9-12: Structure of atoms
FEB. 1, 2010	LIFE: Lessons From a Polar Bear	Health/Diseases	Grades 5-8: Science as a human endeavor Grades 9-12: Science as a human endeavor
	EARTH: Predicting the Big One	Natural disasters/Earthquakes	Grades 5-8: Structure of the Earth system Grades 9-12: Energy in the Earth system
FEB. 22, 2010	LIFE: Substance Abuse: Get the Facts	Human body/Substance abuse	Grades 5-8: Personal health Grades 9-12: Personal and community health
	EARTH: Girls Discover Glaciers	Landforms/Glaciers	Grades 5-8: Change, constancy, and measurement Grades 9-12: Change, constancy, and measurement
MAR. 15, 2010	PHYSICAL: Name That Element!	Elements/Periodic table	Grades 5-8: Properties and changes of properties in matter Grades 9-12: Structure of atoms
	LIFE: Behind the Scenes of the Winter Olympics	Health/Human body	Grades 5-8: Science as a human endeavor Grades 9-12: Science as a human endeavor
APR. 5, 2010	EARTH: Mapping Climate Change	Climate/Climate change	Grades 5-8: Change, constancy, and measurement Grades 9-12: Change, constancy, and measurement
	LIFE: Lifesaving Animals	Health/Antibodies	Grades 5-8: Personal health Grades 9-12: Personal and community health
APR. 19, 2010	SPECIAL ISSUE: CELEBRATE EARTH DAY	Earth/Environmental protection	Grades 5-8: Populations, resources, and environments Grades 9-12: Environmental quality
MAY 10, 2010	EARTH: Surf's Up!	Oceans/Waves	Grades 5-8: Transfer of energy Grades 9-12: Interactions of energy and matter
	LIFE: Mosquito Wrangler	Health/Parasites	Grades 5-8: Science and technology in society Grades 9-12: Science and technology in local and global challenges

* Topics are subject to change, to bring you late-breaking science news.