

# SCIENCE WORLD Grades 6-10

## 2009-2010 EDITORIAL HIGHLIGHTS

	Curriculum Topic/Feature Title	NSE Standard
1	LIFE: Did a Lonesome Tortoise Find Love?	Reproduction and heredity (Gr. 5-8) Molecular basis of heredity (Gr. 9-12)
	EARTH: Teenage Dino Hunters	Earth's history (Gr. 5-8) Origin and evolution of the earth system (Gr. 9-12)
2	<b>SPECIAL ISSUE: WINNING SCIENCE PROJECT GUIDE</b>	
3	LIFE: NFL Players Advance Science	Structure and function in living systems (Gr. 5-8) Matter, energy, and organization in living systems (Gr. 9-12)
	PHYSICAL: The Physics of Origami	Abilities of technological design (Gr. 5-12)
4	LIFE: Vampire Animals	Populations and ecosystems (Gr. 5-8) Interdependence of organisms (Gr. 9-12)
	PHYSICAL: The Great Pumpkin	Transfer of energy (Gr. 5-8) Conservation of energy and increase in disorder (Gr. 9-12)
5/6	<b>SPECIAL DOUBLE ISSUE: TEEN LIFE</b>	
7	LIFE: Preying on Porpoises	Evidence, models, and explanation (Gr. 5-12)
	EARTH: High-Rise Farms	Science and technology in society (Gr. 5-8) Science and technology in local, national, and global challenges (Gr. 9-12)
8	LIFE: Lessons from a Polar Bear	Regulation and behavior (Gr. 5-8) Behavior of organisms (Gr. 9-12)
	PHYSICAL: Futuristic Flight	Motions and forces (Gr. 5-12)
9	LIFE: Ski Slope Surprises	Science as a human endeavor (Gr. 5-12)
	EARTH: Out with Palm Oil	Populations, resources, and environments (Gr. 5-8) Science and technology in local, national, and global challenges (Gr. 9-12)
10	PHYSICAL: Strike!	Motions and forces (Gr. 5-12)
	EARTH: Ice Carving at Its Best	Change, constancy, and measurement (Gr. 5-12)
11	LIFE: Substance Abuse: Get the Facts	Personal health (Gr. 5-8) Personal and community health (Gr. 9-12)
	EARTH: Fighting Pollution	Populations, resources, and environments (Gr. 5-8) Environmental quality (Gr. 9-12)
12	PHYSICAL: Name That Element	Properties and changes of properties in matter (Gr. 5-8) Structure of atoms (Gr. 9-12)
	EARTH: Predicting the Big One	Structure of the earth system (Gr. 5-8) Energy in the earth system (Gr. 9-12)
13	<b>SPECIAL ISSUE: CELEBRATE EARTH DAY</b>	
14	EARTH: Surf's Up!	Transfer of energy (Gr. 5-8) Interactions of energy and matter (Gr. 9-12)
	PHYSICAL: Blockbuster Science	Understandings about science and technology (Gr. 5-12)