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EHP Issue 2005	Lesson Title	Communication			Comprehension		Computation	Critical Thinking & Response	Experimentation			Graphing	Graph Reading	Manipulation	Observation	Reading Maps & Legends	Research	Tables & Figures		Technological Design	Unit Conversion
		Note taking	Oral	Written (Incl. Summarization)	Listening	Reading			Conduct	Data Analysis	Design							Creating	Reading		
January	Coral Reef Web	X	X			X															
	RoboLobsters		X	X		X		X												X	
	Echinacea No Cure-all for Kids							X		X										X	
February	A Table or Figure Is Worth a Thousand Words	X	X	X	X	X		X												X	
	Design and Evaluate an Underwater Logger			X		X		X													X
	Using a Spoon to Clean the Air	X	X	X	X	X	X	X	X			X	X		X					X	

National Science Education Content Standards Matrix (Jan.–Mar. 2005)		Standards Addressed By All Lessons	Coral Reef Web	RoboLobsters	Echinacea No Cure-all for Kids	A Table or Figure Is Worth a Thousand Words	Design and Evaluate an Underwater Logger	Using a Spoon to Clean the Air	Debating the Control of Scarce Resources	Depleted Uranium and the Brain	Is Environmental Health a Basic Human Right?	Mapping the Effects of War	Wildlife Study Comparison
Physical Science	Structure of atoms	X						X					
	Structure and properties of matter	X						X		X			
	Chemical reactions	X											
	Motions and forces	X						X					
	Conservation of energy and increase in disorder	X											
	Interactions of energy and matter	X						X					
Science and Technology	Abilities of technological design	X		X			X	X					
	Understanding about science and technology	X		X		X	X	X					
Science in Personal and Social Perspectives	Personal and community health	X	X		X	X	X	X	X	X	X	X	X
	Population growth	X	X						X		X	X	X
	Natural resources	X	X				X	X	X		X	X	X
	Environmental quality	X	X	X		X	X	X	X	X	X	X	X
	Natural and human-induced hazards	X	X	X		X	X	X	X	X	X	X	X
History and Nature of Science	Science and technology in local, national, and global challenges	X	X	X			X	X	X	X	X	X	X
	Science as a human endeavor	X							X	X	X	X	X
	Nature of scientific knowledge	X							X	X	X	X	X
	Historical perspectives	X							X		X		

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			Note Taking	Oral	Written (Incl. Summarization)	Listening	Reading			Conduct	Data Analysis	Design							Creating	Reading		
July	Mobility 2030: Can We Meet the Goals?		X		X		X		X				X							X		
	PAH Exposure and Community Health		X	X	X	X	X	X	X	X		X	X			X	X	X	X			X
	Lettuce Explore Perchlorate Exposure		X	X	X	X	X		X									X				
August	Dwelling on Solutions	X	X	X	X	X	X	X	X						X		X					
	Mapping the Air in Your School		X	X	X	X	X	X	X	X			X			X	X			X		
	Following the Sun to a "Greener" Building		X	X	X	X	X		X				X								X	
	Using Chemistry to Treat Lead Poisoning		X	X	X		X		X	X					X							

National Science Education Content Standards Matrix (Jul.–Dec. 2005)		Standards Addressed By All Lessons	Mobility 2030: Can We Meet the Goals?	PAH Exposure and Community Health	Lettuze Explore Perchlorate Exposure	Dwelling on Solutions	Mapping the Air in Your School	Using Chemistry to Treat Lead Poisoning	Following the Sun to a "Greener" Building	Arsenic: Putting a Face to Disgrace	On Hens and Needles	Three is a Toxic Number
Physical Science	Structure of atoms	X					X					
	Structure and properties of matter	X					X			X		
	Chemical reactions	X						X				
	Motions and forces	X										
	Conservation of energy and increase in disorder	X										
	Interactions of energy and matter	X							X			
Science and Technology	Abilities of technological design	X	X						X			
	Understanding about science and technology	X	X									
Science in Personal and Social Perspectives	Personal and community health	X	X	X	X	X	X	X		X	X	X
	Population growth	X	X	X						X	X	
	Natural resources	X	X		X	X	X	X	X	X	X	
	Environmental quality	X	X	X	X	X	X	X	X	X	X	X
	Natural and human-induced hazards	X	X	X	X	X	X			X	X	X
	Science and technology in local, national, and global challenges	X	X	X	X				X	X	X	
History and Nature of Science	Science as a human endeavor	X	X	X	X	X				X		
	Nature of scientific knowledge	X		X	X	X				X		
	Historical perspectives	X			X	X				X		

National Science Education Content Standards Matrix (Jul.–Dec. 2005)		Standards Addressed By All Lessons	Rescuing Water from the Roof	Consider the Source	Protein Puzzles	The Kyoto Protocol: What Should We Do?	Mapping Solutions for Obesity	GM Foods: Are the Risks Real?	Small Islands—Big Problems	Population Growth. Get the Word Out.	Word Up. Empowering Your Vocabulary.	
Physical Science	Structure of atoms	X										
	Structure and properties of matter	X			X							
	Chemical reactions	X										
	Motions and forces	X										
	Conservation of energy and increase in disorder	X										
	Interactions of energy and matter	X										
Science and Technology	Abilities of technological design	X	X				X	X				
	Understanding about science and technology	X	X								X	
Science in Personal and Social Perspectives	Personal and community health	X	X	X	X	X	X	X	X	X	X	
	Population growth	X	X					X	X	X	X	
	Natural resources	X	X	X				X	X	X	X	
	Environmental quality	X	X	X	X	X		X	X	X	X	
	Natural and human-induced hazards	X	X	X	X	X		X	X	X	X	
	Science and technology in local, national, and global challenges	X	X	X				X	X	X	X	
History and Nature of Science	Science as a human endeavor	X		X					X	X		
	Nature of scientific knowledge	X		X					X	X		
	Historical perspectives	X		X						X		