

Virginia Standards of Learning correlated to
 Reading Essentials in Science
 Perfection Learning Corporation

6th Grade	Standard of Learning	Earthquakes	Floods	Tornadoes	Hurricanes	Volcanoes	Erosion	Forecasting	Natural Disasters	Records and Oddities	Seasons and Patterns	Are We Alone? The Case for Extraterrestrial Life	Inside a Star	Lights in the Sky	Mysteries in Space: Cosmic Puzzles	Telescopes: Exploring the Beyond
Scientific Investigation, Reasoning, and Logic																
6.1	The student will plan and conduct investigations	X		X	X											
Force, Motion, and Energy																
6.2	The student will investigate and understand basic sources of energy, their origins, transformations, and uses.															
6.3	The student will investigate and understand the role of solar energy in driving most natural processes within the atmosphere, the hydrosphere, and on the Earth's surface.			X	X			X	X	X						

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6th Grade	Standard of Learning	Electricity and Magnetism	Heat	Light	Motion	Sound	Acids and Bases	Atoms, Molecules, and Compounds	Chemical Energy	Chemical Reactions	Mixtures and Solutions	Global Warming	Habitat Destruction	Energy Sources	Keeping Our Food and Water Safe	Waste and Consumption
Scientific Investigation, Reasoning, and Logic																
6.1	The student will plan and conduct investigations							X								
Force, Motion, and Energy																
6.2	The student will investigate and understand basic sources of energy, their origins, transformations, and uses.	X	X	X	X	X			X					X		
6.3	The student will investigate and understand the role of solar energy in driving most natural processes within the atmosphere, the hydrosphere, and on the Earth's surface.		X	X										X		

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Matter																
6.4	The student will investigate and understand that all matter is made up of atoms.															
6.5	The student will investigate and understand the unique properties and characteristics of water and its roles in the natural and human-made environment.					X										
6.6	The student will investigate and understand the properties of air and the structure and dynamics of the Earth's atmosphere.						X									

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Matter																
	6.4 The student will investigate and understand that all matter is made up of atoms.							X		X	X					
	6.5 The student will investigate and understand the unique properties and characteristics of water and its roles in the natural and human-made environment.														X	
	6.6 The student will investigate and understand the properties of air and the structure and dynamics of the Earth's atmosphere.											X				

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Living Systems																
	6.7 The student will investigate and understand the natural processes and human interactions that affect watershed systems.														X	
Interrelationships in Earth/Space Systems																
	6.8 The student will investigate and understand the organization of the solar system and the relationships among the various bodies that comprise it.															
Resources																
	6.90 The student will investigate and understand public policy decisions relating to the environment.											X	X	X	X	X