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4th Grade	Academic Standards	Air and Wind	Earth Movements	Soil Science	Water, Water, Everywhere	What's Up with the Weather?	Teaching Resource	The Earth	The Journey into Space	The Moon	The Solar System	The Sun	Teaching Resource	Earthquakes	Floods	Tornadoes	Hurricanes	Volcanoes	Teaching Resource
History and Nature of Scien	ice																		
Scientific World View	The student will understand how science is used to investigate interactions between people and the natural world.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
History and Nature of Scien	ice																		
Scientific Inquiry	The student will participate in a controlled scientific investigation.	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	X
Physical Science																			
	The student will know that heating and cooling may cause changes to the properties of a substance.																		
Physical Science																			
Energy Transformations	The student will understand basic electricity and its application in everyday life.																		
Physical Science																			
	The student will understand that a relationship exists between electricity and magnetism.																		
Earth and Space Science																			
	The student will investigate the impact humans have on the environment.			X	X	X	X								X				

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4th Grade	Academic Standards	Erosion	Forecasting	Natural Disasters	Records and Oddities	Seasons and Patterns	Teaching Resource	Amphibians and Reptiles	Birds	Fish	Insects	Mammals	Teaching Resource	At Home in the Ocean	At Home in the Tropical Rainforest	A Home by the River	A Hot Desert Home	A Mountain Home	Teaching Resource
History and Nature of Scien	nce																		
Scientific World View																			
	The student will understand how science is used to investigate interactions between people and the natural world.		X	X	X		x	x	X	X	X	X	X	X	X	X	X	X	x
History and Nature of Scien	nce																		
· · ·	The student will participate in a controlled scientific investigation.							x	x	x	x	x	x	x	X	x	x	X	X
Physical Science																			
	The student will know that heating and cooling may cause changes to the properties of a substance.																		
Physical Science																			
Energy Transformations	The student will understand basic electricity and its application in everyday life.																		
Physical Science																			
	The student will understand that a relationship exists between electricity and magnetism.																		
Earth and Space Science																			
	The student will investigate the impact humans have on the environment.													X	x	X	x	X	X

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4th Grade	Academic Standards	Bones	The Brain and Nerves	The Heart	Muscles	Skin	Teaching Resource	Deserts	Mountains	Oceans	Rivers	Tropical Rain Forests	Teaching Resource	Classifying Plants and Animals	Food Chains and Webs	How Plants Grow	Life Cycles of Plants and Animals	Under a Microscope	Teaching Resource
History and Nature of Scien	nce																		1
Scientific World View	The student will understand how science is used to investigate interactions between people and the natural world.	X	X	X	X	X	X							X	X	X	X	X	X
History and Nature of Scien	nce																		
Scientific Inquiry	The student will participate in a controlled scientific investigation.	x	x	x	x	x	x							x	X	X	x	x	x
Physical Science																			
Structure of Matter	The student will know that heating and cooling may cause changes to the properties of a substance.																		
Physical Science																			
Energy Transformations	The student will understand basic electricity and its application in everyday life.																		
Physical Science																			
	The student will understand that a relationship exists between electricity and magnetism.																		
Earth and Space Science																			
	The student will investigate the impact humans have on the environment.							x	x	X	X	X	X						

4th Grade	Academic Standards	The Circulatory System	The Digestive System	The Nervous System	The Respiratory System	The Skeletal and Muscular Systems	Teaching Resource	Adaptations and Survival	Cells	Genetics	Populations and Ecosystems	Staying Alive	Teaching Resource	Classifying/Grouping Materials	Force and Motion	Gravity	Measuring Matter	States of Matter	Teaching Resource
History and Nature of Scien	nce																		
Scientific World View																			
	The student will understand how science is used to investigate interactions between people and the natural world.							X	X	X	X	X	X	x	X	X	X	X	X
History and Nature of Scien	nce																		
1 0	The student will participate in a controlled scientific investigation.													x	X	X	x	x	x
Physical Science																			
	The student will know that heating and cooling may cause changes to the properties of a substance.													x				X	x
Physical Science																			
Energy Transformations	The student will understand basic electricity and its application in everyday life.																		
Physical Science																			
	The student will understand that a relationship exists between electricity and magnetism.																		
Earth and Space Science																			
	The student will investigate the impact humans have on the environment.																		

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4th Grade	Academic Standards	Color and Light	Electrical Circuits	Hearing and Sound	Magnets	Simple Machines	Teaching Resource	Electricity and Magnetism	Heat	Light	Motion	Sound	Teaching Resource	Glass	Metal	Paper	Plastics	Textiles	Teaching Resource
History and Nature of Scien	nce																		
Scientific World View																			
Sciencific world view	The student will understand how science is used to investigate interactions between people and the natural world.	x	x	x	X	x	x	X	X	X	X	X	X	X	X	X	X	X	X
History and Nature of Scien	nce																		
Scientific Inquiry	The student will participate in a controlled scientific investigation.	x	x	x	x	x	x												
Physical Science																			
Structure of Matter	The student will know that heating and cooling may cause changes to the properties of a substance.								X										
Physical Science																			
Energy Transformations	The student will understand basic electricity and its application in everyday life.		X				x	x					X						
Physical Science																			
Forces of Nature	The student will understand that a relationship exists between electricity and magnetism.		X		x		x	x					X						
Earth and Space Science																			
Earth Structure and Processes	The student will investigate the impact humans have on the environment.																		

4th Grade	Academic Standards	Air and Wind	Earth Movements	Soil Science	Water, Water, Everywhere	What's Up with the Weather?	Teaching Resource	The Earth	The Journey into Space	The Moon	The Solar System	The Sun	Teaching Resource	Earthquakes	Floods	Tornadoes	Hurricanes	Volcanoes	Teaching Resource
Earth and Space Science																			
	The student will recognize that water on Earth cycles and exists in many forms.				x		X												
Earth and Space Science																			
	The student will identify the patterns and movements of celestial objects.							X		X	X	X	X						
Life Science																			
Cells	The student will know that all organisms are composed of cells, which are the fundamental units of life.																		
Life Science																			
Diversity of Organisms	The student will know that living things can be sorted into groups in many ways according to their varied characteristics, structures and behaviors.																		
Life Science																			
Human Organism	The student will know the structures that serve various functions in the human body, including protection from disease.																		

4th Grade	Academic Standards	Bones	The Brain and Nerves	The Heart	Muscles	Skin	Teaching Resource	Deserts	Mountains	Oceans	Rivers	Tropical Rain Forests	Teaching Resource	Classifying Plants and Animals	Food Chains and Webs	How Plants Grow	Life Cycles of Plants and Animals	Under a Microscope	Teaching Resource
Earth and Space Science																			
The Water Cycle, Weather and Climate	The student will recognize that water on Earth cycles and exists in many forms.																		
Earth and Space Science																			
	The student will identify the patterns and movements of celestial objects.																		
Life Science																			
Cells	The student will know that all organisms are composed of cells, which are the fundamental units of life.																	X	X
Life Science																			
Diversity of Organisms	The student will know that living things can be sorted into groups in many ways according to their varied characteristics, structures and behaviors.													X					X
Life Science																			
Human Organism	The student will know the structures that serve various functions in the human body, including protection from disease.	X	X	X	X	X	X											X	X

4th Grade	Academic Standards	The Circulatory System	The Digestive System	The Nervous System	The Respiratory System	The Skeletal and Muscular Systems	Teaching Resource	Adaptations and Survival	Cells	Genetics	Populations and Ecosystems	Staying Alive	Teaching Resource	Classifying/Grouping Materials	Force and Motion	Gravity	Measuring Matter	States of Matter	Teaching Resource
Earth and Space Science																			
	The student will recognize that water on Earth cycles and exists in many forms.																		
Earth and Space Science																			
	The student will identify the patterns and movements of celestial objects.																		
Life Science																			
	The student will know that all organisms are composed of cells, which are the fundamental units of life.								x				x						
Life Science																			
	The student will know that living things can be sorted into groups in many ways according to their varied characteristics, structures and behaviors.																		
Life Science																			
	The student will know the structures that serve various functions in the human body, including protection from disease.	X	x	X	X	X	X												

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4th Grade	Academic Standards	Alcohol, Tobacco, and Drug	Disease Prevention	Nutrition	Personal Hygiene	Physical Activity	Teaching Resource
Earth and Space Science							
The Water Cycle,							
Weather and Climate	The student will recognize that water on						
	Earth cycles and exists in many forms.						
Earth and Space Science							
The Universe	The student will identify the patterns and						
	movements of celestial objects.						
Life Science							
Cells	The student will know that all organisms are						
	composed of cells, which are the						
	fundamental units of life.						
Life Science							
Diversity of Organisms							
	The student will know that living things can						
	be sorted into groups in many ways						
	according to their varied characteristics,						
	structures and behaviors.						
Life Science							
Human Organism							
	The student will know the structures that						
	serve various functions in the human body,						
	including protection from disease.		Χ	Х			Χ