

Elementary	Fossils	Geologic Time	Rocks and Minerals	Sedimentary Rocks	The Water Cycle	Erosion	Forecasting	Natural Disasters	Records and Oddities	Seasons and Patterns	Adaptations and Survival	Cells	Genetics	Populations and Ecosystems	Staying Alive	Electricity and Magnetism	Heat	Light	Motion	Sound	Consumption and Waste	Energy Sources	Global Warming	Habitat Destruction	Keeping Our Food and Water Safe
Motion of Objects (PMO) IV.3																									
All students will describe how things around us move, explain why things move as they do, and demonstrate and explain how we control the motions of objects:																									
1. Describe or compare motions of common object in terms of speed and direction.																			X						
2. Explain how forces (pushes or pulls) are needed to speed up, slow down, stop or change the direction of a moving object.																			X						
3. Describe patterns of interaction of magnetic materials with other magnetic and non-magnetic materials.																X			X						
Waves and Vibrations (PWV) IV.4																									
All students will describe sounds and sound waves:																									
1. Describe sounds in terms of their properties.																					X				
2. Explain how sounds are made.																					X				
All students will explain shadows, color, and other light phenomena:																									
3. Use prisms and filters with light sources to produce various colors of light.																			X						
4. Explain how shadows are made.																			X						
Geosphere (EG) V.1																									
All students will describe the earth's surface:																									
2. Recognize and describe different types of earth materials.	X		X	X																					
All students will describe and explain how the earth's features change over time:																									
4. Explain how rocks and fossils are used to understand the history of the earth.	X	X																							
All students will analyze effects of technology on the earth's surface and resources:																									
6. Demonstrate ways to conserve natural resources and reduce pollution through reduction, reuse, and recycling of manufactured materials.																						X	X		

