



Component Idea	Scope	Performance Expectation (PE)	Disciplinary Core Idea (DCI)	Science and Engineering Practice(s) (SEP)	Crosscutting Concepts (CCC)
<b>PS2 Motion and Stability: Forces and Interactions</b>					
Forces and Motion	<b>Pushes and Pulls</b>	K-PS2-1   K-PS2-2	PS2.A	Planning and Carrying Out Investigations   Analyzing and Interpreting Data	Cause and Effect
	<b>Speed and Direction</b>	K-PS2-1   K-PS2-2	PS2.A   PS2.B   PS3.C	Planning and Carrying Out Investigations   Analyzing and Interpreting Data	Cause and Effect
<b>PS3 Energy</b>					
Conservation of Energy and Energy Transfer - Sunlight warms Earth's surface	<b>Energy From the Sun</b>	K-PS2-1   K-PS2-2	PS2.A	Planning and Carrying Out Investigations   Analyzing and Interpreting Data	Cause and Effect
<b>LS1 From Molecules to Organisms: Structures and Processes</b>					
Organization for Matter and Energy Flow in Organisms	<b>Animal Needs</b>	K-LS1-1	LS1.C	Analyzing and Interpreting Data	Patterns
	<b>Plant Needs</b>	K-LS1-1	LS1.C	Analyzing and Interpreting Data	Patterns
<b>ESS2 Earth's Systems</b>					
Weather and Climate	<b>Weather Conditions</b>	K-ESS2-1	ESS2.D	Analyzing and Interpreting Data	Patterns
	<b>Measurement of Weather</b>	K-ESS2-1	ESS2.D	Analyzing and Interpreting Data	Patterns
Biogeology	<b>Organisms Impact Environments</b>	K-ESS2-2	ESS2.E   ESS3.C	Engaging in Argument from Evidence	Systems

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 <b>ESS2 Earth's Systems</b>					
Human Impacts on Earth Systems	<b>Reducing Human Impact</b>	K-ESS2-2   K-ESS3-3	ESS3.C   ETS1.B	Engaging in Argument from Evidence   Obtaining, Evaluating, and Communicating Information	Cause and Effect   Systems and System Models
 <b>ESS3 Earth and Human Activity</b>					
Natural Resources	<b>Habitats</b>	K-ESS3-1	ESS3.A	Developing and Using Models	Systems and system Models
	<b>Uses of Natural Resources</b>	K-ESS3-1	ESS3.A	Developing and Using Models	Systems and System Models
Natural Hazards	<b>Weather Hazards</b>	K-ESS3-2	ESS3.B   ETS1.A	Asking Questions and Defining Problems   Obtaining, Evaluating, and Communicating Information	Cause and Effect