

<p>landforms (e.g., illustrate continents, oceans, seas, rivers, mountains, plains from a globe and a map).</p> <p>Construct a model that demonstrates understanding of Earth's structure as a system made of parts (e.g., solid surface, water, atmosphere).</p> <p>1.3 Changes in systems</p> <p>CH1.3.4. Know processes that change the surface of Earth.</p> <p>Describe how weathering and erosion change the surface of the Earth.</p> <p>Describe how earthquakes, landslides, and volcanic eruptions change Earths surface.</p> <p>Describe how destructive change landforms (e.g. rivers erode landforms)</p> <p>CH 1.3.6 Understand weather indicators and understand how water cycles through the atmosphere.</p> <p>Describe the weather patterns of each season.</p> <p>2.1 Investigating systems</p> <p>IN2.1.2. Understand how to plan and conduct simple investigations following all safety rules. Make predictions of the results of an investigation.</p> <p>Generate a logical plan for, and conduct, a simple controlled investigation.</p> <p>Generate a logical plan for a simple</p>	<p>Weathering, erosion, volcanoes, and hurricanes</p> <p>Water cycles</p> <p>Plan and conduct a safe experiment</p>		
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<p>field investigation. Identify and use simple equipment and tools to gather data and extend IN2.1.3. Understand how to construct a reasonable explanation using evidence.</p> <p>Generate a scientific conclusion including supporting data from an investigation (e.g., grass grows taller with more light; with only 2 hours of light each day, grass grew 2 centimeters in two weeks, but with 6 hours of light, grass grew 8 centimeters).</p> <p>Describe a reason for a given conclusion using evidence from an investigation.</p> <p>Generate a scientific explanation of observed phenomena using given data.</p> <p>Predict what logically might occur if an investigation lasted longer or was changed how to construct a reasonable explanation using evidence.</p> <p>IN2.1.5. Understand how to report investigations and explanations of objects, events, systems, and processes. Summarize an investigation without making inferences by describing</p>	<p>Record observations accurately</p> <p>New learning leads to new inquiry</p>		
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<p>human problems.</p> <p>Propose, implement, and document the scientific design process used to solve a problem or challenge. define the problem scientifically gather information and collect measurable data explore ideas make a plan list steps to do the plan scientifically test solutions document the scientific design process</p> <p>Describe possible solutions to a problem (e.g., preventing an injury on the playground by creating a softer landing at the bottom of a slide).</p> <p>Describe the reason(s) for the effectiveness of a solution to a problem or challenge.</p>			
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