

# Grade 2

## Structure and Properties of Matter SC.2.3

### 1 Gather, analyze, and communicate evidence of the structure, properties, and interactions of matter. SC.2.3.1

- a Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. SC.2.3.1.A
  - b Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose. SC.2.3.1.B
  - c Analyze data from tests of two objects, designed to solve the same problem, to compare the strengths and weaknesses based on the properties. SC.2.3.1.C
  - d Make observations to construct an evidence-based account of how an object made of a small set of pieces can be disassembled and made into a new object. SC.2.3.1.D
  - e Construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot. SC.2.3.1.E
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## Interdependent Relationships in Ecosystems SC.2.7

### 2 Gather, analyze, and communicate evidence of interdependent relationships in ecosystems. SC.2.7.2

- a Plan and conduct an investigation to determine if plants need sunlight and water to grow. SC.2.7.2.A
  - b Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants. SC.2.7.2.B
  - c Make observations of plants and animals to compare the diversity of life in different habitats. SC.2.7.2.C
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## Earth's Systems: Processes That Shape the Earth SC.2.13

### 3 Gather, analyze, and communicate evidence of the processes that shape the earth. SC.2.13.3

- a Use information from several sources to provide evidence that Earth events can occur quickly or slowly. SC.2.13.3.A
- b Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land. SC.2.13.3.B
- c Develop a model to represent the shapes and kinds of land and bodies of water in an area. SC.2.13.3.C
- d Obtain information to identify where water is found on Earth and that it can be solid or liquid. SC.2.13.3.D