Colorado Science

Grade 2

Adopted 2020

Physical Science PS1

1. **Matter exists as different substances that have observable different properties.** PS1.2.1
   a. Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. PS1.2.1.A
   b. Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose. PS1.2.1.B
   c. 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. PS1.2.1.C
   d. Construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot. PS1.2.1.D

Life Science LS2

1. **Plants depend on water and light to grow and on animals for pollination or to move their seeds around.** LS2.2.1
   a. Plan and conduct an investigation to determine if plants need sunlight and water to grow. LS2.2.1.A
   b. Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants. LS2.2.1.B

2. **A range of different organisms lives in different places.** LS2.2.2
   a. Make observations of plants and animals to compare the diversity of life in different habitats. LS2.2.2.A

Earth and Space Science ESS3

1. **Some events on Earth occur quickly; others can occur very slowly.** ESS3.2.1
   a. Use information from several sources to provide evidence that Earth events can occur quickly or slowly. ESS3.2.1.A

2. **Wind and water can change the shape of the land; models can show the shape and these changes to the land.** ESS3.2.2
   a. Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land. ESS3.2.2.A
   b. Develop a model to represent the shapes and kinds of land and bodies of water in an area. ESS3.2.2.B

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c. Obtain information to identify where water is found on Earth and that it can be solid or liquid. ESS3.2.2.C