

Second Grade

Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. 2-PS1-1

1 Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. 2-PS1-1

Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose. 2-PS1-2

2 Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose. 2-PS1-2

Make observations to construct an evidencebased account of how an object made of a small set of pieces can be disassembled and made into a new object. 2-PS1-3

3 Make observations to construct an evidencebased account of how an object made of a small set of pieces can be disassembled and made into a new object. 2-PS1-3

Construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot. 2-PS1-4

4 Construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot. 2-PS1-4

Plan and conduct an investigation to determine if plants need sunlight and water to grow. 2-LS2-1

5 Plan and conduct an investigation to determine if plants need sunlight and water to grow. 2-LS2-1

Develop a simple model that mimics the function

6 Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants. 2-LS2-2

of an animal in dispersing seeds or pollinating plants. 2-

LS2-2

Make observations of plants and animals to compare the diversity of life in different habitats. 2-LS4-1

7 Make observations of plants and animals to compare the diversity of life in different habitats. 2-LS4-1

Use information from several sources to provide evidence that Earth events can occur quickly or slowly. 2-

ESS1-1

8 Use information from several sources to provide evidence that Earth events can occur quickly or slowly. 2-ESS1-1

Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land. 2-

ESS2-1

9 Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land. 2-ESS2-1

Develop a model to represent the shapes and kinds of land and bodies of water in an area. 2-ESS2-2

10 Develop a model to represent the shapes and kinds of land and bodies of water in an area. 2-ESS2-2

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

2-ESS2-3

11 Obtain information to identify where water is found on Earth and that it can be solid or liquid. 2-ESS2-3

Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool. 2-ETS1-1

12 Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool. 2-ETS1-1

Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem. 2-ETS1-2

13 Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem. 2-ETS1-2

Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs. 2-ETS1-3

14 Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs. 2-ETS1-3