

West Northfield School District #31 Science Curriculum

Grade Two

Physical, Life, and Earth Space Sciences

2-PS1 Matter and Its Interaction

1. [2-PS1-1](#) Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.
2. [2-PS1-2](#) Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose.
3. [2-PS1-3](#) 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.
4. [2-PS1-4](#) Construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot.

2-LS2 Ecosystems: Interactions, Energy, and Dynamics

5. [2-LS2-1](#) Plan and conduct an investigation to determine if plants need sunlight and water to grow.
6. [2-LS2-2](#) Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.

2-LS4 Biological Evolution: Unity and Diversity

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

2-ESS1 Earth's Place in the Universe

8. [2-ESS1-1](#) Use observations from several sources to provide evidence that Earth events can occur quickly or slowly.

2-ESS2 Earth's Systems

9. [2-ESS2-1](#) Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.
10. [2-ESS2-2](#) Develop a model to represent the shapes and kinds of land and bodies of water in an area.
11. [2-ESS2-3](#) Obtain information to identify where water is found on Earth and that it can be solid or liquid.