

NGSS STANDARDS

GRADE 2

MATTER AND ITS INTERACTIONS

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

ECOSYSTEMS: INTERACTIONS, ENERGY, AND DYNAMICS

- Plan and conduct an investigation to determine if plants need sunlight and water to grow.
- Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.

BIOLOGICAL EVOLUTION: UNITY AND DIVERSITY

- Make observations of plants and animals to compare the diversity of life in different habitats.
- Earth's Place in the Universe
- Use information from several sources to provide evidence that Earth events can occur quickly or slowly.

EARTH'S SYSTEMS

- Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.
- Develop a model to represent the shapes and kinds of land and bodies of water in an area.
- Obtain information to identify where water is found on Earth and that it can be solid or liquid.