



## 2<sup>nd</sup> Grade Science

### Priority Standard #1: Changes in the Earth's Surface

Students:

- a) develop and use models illustrating the patterns of landforms and water on Earth
- b) construct an explanation about changes in Earth's surface that happen quickly or slowly
- c) design solutions to slow or prevent wind or water from changing the shape of land

### Priority Standard #2: Living Things and Their Habitats

Students:

- a) obtain, evaluate, and communicate information about patterns of living things (plants and animals, including humans) in different habitats
- b) plan and carry out an investigation of the structure and function of plant and animal parts in different habitats
- c) develop and use a model that mimics the function of an animal dispersing seeds or pollinating plants
- d) design a solution to a human problem by mimicking the structure and function of plants and/or animals and how they use their external parts to help them survive, grow, and meet their needs

### Priority Standard #3: Properties of Matter

Students:

- a) plan and carry out an investigation to classify different kinds of materials based on patterns in their observable properties
- b) construct an explanation showing how the properties of materials influence their intended use and function
- c) develop and use a model to describe how an object, made of a small set of pieces, can be disassembled and reshaped into a new object with a different function
- d) obtain, evaluate, and communicate information about changes in matter caused by heating or cooling

