

First Grade Science Standards

[Earth and Space Science – Sun, Energy, and Weather](#)

1ESS.1 I can tell you that the sun is the main source of energy on Earth. I know that light from the sun warms Earth's land, air, and water. I can measure and talk about the warming and cooling of air, water, and soil.

1ESS.2 I can tell you that water can change. I can explain that water can change from a liquid to a solid, and a solid to a liquid. I can observe these changes in the weather and the world around me.

[Life Science – Basic Needs of Living Things](#)

1LS.1 I can tell you that living things have needs, and that they get what they need (both living and nonliving resources) from their surroundings. I know that living things need energy, water, and certain temperatures to survive. I can tell you that plants get energy from the sun. I can tell you that animals get energy from plants and other animals.

1LS.2 I can explain that living things can only survive in places that give them what they need. I can tell you that animals need food, water, cover, and space. Plants need room, light, water, air, nutrients, the right temperature, and time. I know that changes in the seasons can change what is available for plants and animals.

[Physical Science – Motion and Materials](#)

1PS.1 I can explain that properties of objects can change. I can tell you that heating and freezing can change some objects. I know that different objects can change in different ways.

1PS.2 I can tell you that objects move in different ways. I know that the ways objects move can be talked about. I can tell you that an object is moving when its position is changing. I can explain how pushing and pulling changes an object's position.

