

Science and Technology/Engineering

Grade 1

Earth and Space Science Standards

The Sun as a Source of Light and Heat

- ❖ Recognize the sun supplies heat and light to the earth and is necessary for life

Earth's materials

- ❖ Understand that air is a mixture of gases and wind is moving air

Weather

- ❖ Describe the weather changes from day to day and over the seasons

Periodic Phenomena

- ❖ Identify some events around us that have repeating patterns including the seasons of the year, day and night

Life Science Standards

Characteristics of Living Things

- ❖ Recognize that animals and plants are living things that grow, reproduce, need food, air and water
- ❖ Differentiate between living and non living things and group accordingly
- ❖ Recognize that plants have a life cycle, and that life cycles vary for different organisms

Living Things and their Environment

- ❖ Identify the ways in which an organism's habitat provides for its basic needs

Heredity

- ❖ Describe ways in which plants resemble their parents in observed appearance

Physical Science Standards

States of Matter

- ❖ Identify objects and materials as solid, liquid, or gas. Recognize that solids have a definite shape and that liquids and gases take the shape of their container

Technology/Engineering Standards

Materials and Tools

- ❖ Identify and describe characteristics of natural and human-made materials