



School District of Pickens County

Building success beyond the classroom

SC Standards: Science

First Grade

Unit: Process Inquiry Skills

- Science-1-1.1 Compare, classify, and sequence objects by number, shape, texture, size, color, and motion, using standard English units of measurement where appropriate.
- Science-1-1.2 Use tools (including rulers) safely, accurately, and appropriately when gathering specific data.
- Science-1-1.3 Carry out simple scientific investigations when given clear directions.
- Science-1-1.4 Use appropriate safety procedures when conducting investigations.

Unit: Plants

- Science-1-2.1 Recall the basic needs of plants (including air, water, nutrients, space, and light) for energy and growth.
- Science-1-2.2 Illustrate the major structures of plants (including stems, roots, leaves, flowers, fruits, and seeds).
- Science-1-2.3 Classify plants according to their characteristics (including what specific type of environment they live in, whether they have edible parts, and what particular kinds of physical traits they have).
- Science-1-2.4 Summarize the life cycle of plants (including germination, growth, and the production of flowers and seeds).
- Science-1-2.5 Explain how distinct environments throughout the world support the life of different types of plants.
- Science-1-2.6 Identify characteristics of plants (including types of stems, roots, leaves, flowers, and seeds) that help them survive in their own distinct environments.

Unit: Exploring Motion

- Science-1-5.1 Identify the location of an object relative to another object.
- Science-1-5.2 Explain the importance of pushing and pulling to the motion of an object.
- Science-1-5.3 Illustrate the fact that sound is produced by vibrating objects.
- Science-1-5.4 Illustrate ways in which objects can move in terms of direction and speed (including straight forward, back and forth, fast or slow, zigzag, and circular).

Unit: Earth Materials

- Science-1-4.1 Recognize the composition of Earth (including rocks, sand, soil, and water).
- Science-1-4.2 Classify rocks and sand by their physical appearance .
- Science-1-4.3 Compare soil samples by sorting them according to properties (including color, texture, and the capacity to nourish growing plants).
- Science-1-4.4 Recognize the observable properties of water (including the fact that it takes the shape of its container, flows downhill, and feels wet).



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Science-1-4.5 Illustrate the locations of water on Earth by using drawings, maps, or models.

Science-1-4.6 Exemplify Earth materials that are used for building structures or for growing plants.

Unit: Sun and Moon

Science-1-3.1 Compare the features of the day and night sky.

Science-1-3.2 Recall that the Sun is a source of heat and light for Earth.

Science-1-3.3 Recognize that the Sun and the Moon appear to rise and set.

Science-1-3.4 Illustrate changes in the Moon's appearance (including patterns over time).