



School District of Pickens County

Building success beyond the classroom

SC Standards: Science

Second Grade

Unit: Process Inquiry Skills

- Science-2-1.1 Carry out simple scientific investigations to answer questions about familiar objects and events.
- Science-2-1.2 Use tools (including thermometers, rain gauges, balances, and measuring cups) safely, accurately, and appropriately when gathering specific data in US customary (English) and metric units of measurement.
- Science-2-1.3 Represent and communicate simple data and explanations through drawings, tables, pictographs, bar graphs, and oral and written language.
- Science-2-1.4 Infer explanations regarding scientific observations and experiences.
- Science-2-1.5 Use appropriate safety procedures when conducting investigations.

Unit: Life Cycles of Animals

- Science-2-2.4 Summarize the interdependence between animals and plants as sources of food and shelter.
- Science-2-2.5 Illustrate the various life cycles of animals (including birth and the stages of development).

Unit: Property and Changes in Matter

- Science-2-4.1 Recall the properties of solids and liquids.
- Science-2-4.2 Exemplify matter that changes from a solid to a liquid and from a liquid to a solid.
- Science-2-4.3 Explain how matter can be changed in ways such as heating or cooling, cutting or tearing, bending or stretching.
- Science-2-4.4 Recognize that different materials can be mixed together and then separated again.
- Science-2-5.2 Explain how the poles of magnets affect each other (that is, they attract and repel one another).
- Science-2-5.3 Compare the effect of magnets on various materials.
- Science-2-5.4 Identify everyday uses of magnets.

Unit: Weather

- Science-2-3.1 Explain the effects of moving air as it interacts with objects.
- Science-2-3.2 Recall weather terminology (including temperature, wind direction, wind speed, and precipitation as rain, snow, sleet, and hail).
- Science-2-3.3 Illustrate the weather conditions of different seasons.
- Science-2-3.4 Carry out procedures to measure and record daily weather conditions (including temperature, precipitation amounts, wind speed as measured on the Beaufort scale, and wind direction as measured with a windsock or wind vane).



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Science-2-3.5 Use pictorial weather symbols to record observable sky conditions.

Science-2-3.6 Identify safety precautions that one should take during severe weather conditions.

Unit: Animals and Plants

Science-2-2.3 Explain how distinct environments throughout the world support the life of different types of animals.

Science-2-5.1 Use magnets to make an object move without being touched.

Unit: Animals: Basic Needs

Science-2-2.1 Recall the basic needs of animals (including air, water, food, and shelter) for energy, growth, and protection.

Unit: Animals: Classification

Science-2-2.2 Classify animals (including mammals, birds, amphibians, reptiles, fish, and insects) according to their physical characteristics.