

ROBERTSON COUNTY SCHOOLS

MASTERY GUIDE

FIRST GRADE

FIRST NINE WEEKS

SCIENCE

Cell Structure and Function

- 1.1.1 Use magnifiers to observe smaller parts of larger objects.
- 1.1.2 Observe and describe what happens when an object loses a part.

Interactions Between Living Things and Their Environment

- 1.2.2 Use the senses to explore the environment.

SECOND NINE WEEKS

SCIENCE

Forces and Motion

- 1.11.1 Observe and describe how the movement of an object can be changed (e.g., push/pull, fast/slow).
- 1.11.2 Recognize objects that are balanced.

Interactions Between Living Things and Their Environment

- 1.2.3 Collect information about organisms that occupy specific environments.

Earth Features

- 1.9.1 Distinguish between land and water environments.

Food Production and Energy for Life

- 1.3.1 Recognize the basic needs of living things (e.g., food, water, sunlight, air).

Diversity and Adaptation Among Living Things

- 1.5.1 Observe and note differences among plants and animals of the same kind.
- 1.5.2 Recognize the environment in which an organism is typically found.

THIRD NINE WEEKS

SCIENCE

Earth and Its Place in the Universe

- 1.7.1a. Distinguish between objects that appear in the day and nighttime sky.
- 1.7.1b. Recognize that the moon is the closest object in the sky.
- 1.7.1c. Recognize that there are tools for observing objects in the day and nighttime sky.
- 1.7.2a. Observe and illustrate the position of the sun at different times of the day.
- 1.7.2b. Recognize that shadows change length and position during the course of a day.

Atmospheric Cycles

- 1.8.1a. Recognize that weather conditions are constantly changing.
- 1.8.1b. Describe weather patterns associated with the seasons.
- 1.8.2a. Associate temperature, precipitation, and wind conditions with various types of weather.
- 1.8.2b. Identify the appropriate tool for measuring temperature, precipitation, and wind speed / direction.

Structure and Properties of Matter

- 1.12.1a. Compare objects according to weight, length, and size.
- 1.12.1b. Distinguish between liquids and solids.

Interactions of Matter

- 1.13.1 Observe and describe changes that occur when two materials interact.

Energy

- 1.14.1 Describe the effect of the sun's energy on different materials.
- 1.14.2 Classify sounds according to their basic characteristics (e.g., loud/soft, natural/man-made).

FOURTH NINE WEEKS

SCIENCE

Interactions Between Living Things and Their Environment

- 1.2.4 Provide examples of pollutants in a specific environment.

Earth Resources

- 1.10.1 Use observable properties to distinguish among a variety of earth materials.
- 1.10.2 Identify ways that earth resources benefit man.