

## SECOND GRADE SCIENCE

By the end of Second Grade, students will have studied:

- \* Basics of the scientific method
- \* Obtaining, evaluating, and communicating scientific information
- \* Constructing explanations and designing solutions
- \* Analyzing and interpreting data
- \* Planning and carrying out investigations and experiments
- \* Engaging in argument from evidence
- \* Developing and using models
- \* Using information and models to identify and represent shapes and kinds of land and bodies of water
- \* The influence of engineering, technology, and science on society and the natural world
- \* Life Science: Plants, animals, and habitats. What plants need to grow and how they depend on animals for seed dispersal and pollination. Comparing the diversity of life in different habitats.
- \* Earth Science: Land and water, natural resources, observing weather, Earth and space. How wind and water change the shape of the land; design solutions to slow or prevent change.
- \* Physical Science: Matter and how it changes. How things move. Using energy. Analysis and classification of different materials