

## FIRST GRADE SCIENCE

By the end of First 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
- \* The relationship between sound and vibrating materials
- \* The relationship between the availability of light and the ability to see objects; understanding how light travels (demonstrated by obstruction)
- \* The influence of engineering, technology, and science on society and the natural world
- \* Life Science: How plants and animals survive, grow, and meet their needs. The behavior of offspring, how their parents protect them, and how they are like their parents
- \* Earth Science: Caring for Earth; weather and seasons; the sky – observing, describing, and predicting patterns of the movement of objects in the sky
- \* Physical Science: Matter, motion, and energy