

K-2 Science Curriculum

Kindergarten

Investigating Properties	Objects have observable properties such as color, size, shape and texture, which can be used for describing and sorting.
Weather	Weather changes each day and influences our daily lives. There are four seasons each year.
Animals	Animals have similarities and differences. They also have basic needs such as food, water, and shelter.
Forces and Motion	Understand the positions and motions of objects and organisms observed in the environment.

First Grade

Earth in the Universe	Recognize the features and patterns of the earth/moon/sun system as observed from earth.
Balance and Motion	Understand how forces (pushes or pulls) affect the motion of an object.
Earth Materials	Earth materials (including rocks, minerals, soil and water) can be described and sorted based on their observable properties. Objects can be compared based on their properties.
Organisms	Plants and animals are living things or organisms. Organisms have needs that must be met for survival.

Second Grade

Solids & Liquids	Solids and liquids have properties that can be observed. Some properties require a test, such as sinking or floating.
Sound	Sound is caused by vibrations. Pitch, volume, and quality (timbre) are characteristics of sounds.
Air & Weather	Air (a mixture of gases) has properties that make it different than solids and liquids. Weather instruments such as wind vanes, rain gauges, and anemometers can be used to collect weather data.
Life Cycles	Animals have a life cycle that includes birth, development into an adult, reproduction, aging, and death.

