

Science - Kindergarten

Content Overview:

Science in grades Kindergarten through 8th grade is focused on a central theme. Students in the K-2 grade band will be exploring the science theme *Observations of the Environment*. This theme focuses on helping students develop the skills for systematic discovery to understand the science of the physical world around them in greater depth by using scientific inquiry. Kindergarteners will be exploring Weather and Seasons, Living Things, and Sound. Students explore these topics through reading and discussing authentic literature and informational texts and during classroom activities.

Text Books:

Variety of authentic literature and informational texts.

Assessments:

Observations, activities, and classwork.

Standards/Learning Goals

Ohio's Learning Standards in Science are composed of 3 strands: Earth and Space Science, Life Science, and Physical Science. The content statements listed below state what students should learn and understand in each discipline.

Earth and Space Science - Daily and Seasonal Changes

- This discipline focuses on observing, exploring, describing and comparing weather changes, patterns in the sky and changing seasons.
 - Weather changes are long-term and short-term
 - The moon, sun and stars can be observed at different times of the day or night.

Life Science - Physical and Behavioral Traits of Living Things

- This discipline focuses on observing, exploring, describing and comparing living things in Ohio.

- Living things are different from nonliving things.
- Living things have physical traits and behaviors, which influence their survival.

Physical Science - Properties of Everyday Objects and Materials

- This discipline focuses on the production of sound and on observing, exploring, describing and comparing the properties of objects and materials with which the student is familiar.
 - Objects and materials can be sorted and described by their properties.
 - Some objects and materials can be made to vibrate to produce sound.