Science - Kindergarten

Mehlville School District
Science
Grade K, Duration 1 Year

Rationale

In a world filled with the products of scientific inquiry, scientific literacy is a necessity for everyone in order to use scientific information to make wise choices. Today, the job market demands advanced skills, requiring people to be able to learn, reason, think creatively, work collaboratively, make decisions, and solve problems. An understanding of science and engineering practices are essential to building these skills.

Course Description

The Kindergarten student will be studying about forces and interactions (pushes and pulls), interdependent relationships in ecosystems (animals, plants and their environment), and weather and climate. In addition, the students will utilize the science and engineering practices by asking questions and defining problems, developing and using models, and analyzing and interpreting data. The teacher will use a hands-on, minds-on approach to actively engage the students in constructing and revising their understanding of these concepts.

BOE 6/8/17

Course Objectives

1. The student will understand that pushes and pulls affect the motion of an object.
2. The student will understand that variations in an environment can affect how living things grow and change.
3. The student will understand that plants and animals (including humans) affect their environments.
4. The student will understand that weather patterns can be measured over time.
5. The student will understand that sunlight affects the earth.