

Science-Grade K S2

Description

Science Grade Kindergarten is a foundational course with concepts across many types of sciences including Earth Science, Life Science, and Physical Science. Through exploring, making observations, and describing, students will explore the five senses, properties and motion of objects, sound, pushes and pulls, gravity, the day and night sky, size and distance of objects, plants, and animals.

Required Materials

Students will need the following materials: printer, cell phone or scanner, notebook, pencils, erasers, scissors, crayons, glue, tape, ruler, printer paper, colored-paper, and lab materials.

Major Topics and Concepts

Segment Two

- Daytime and nighttime activities
- Patterns of local weather
- Pattern of day and night
- Sunlight and how it affects the Earth's surface
- The sun's positions in the sky
- The moon's look in the sky and over time
- Sizes of objects on the ground and in the sky
- The stars, sun, and moon
- Comparing different animals
- Sorting animals by the way they move
- Comparing different plants
- Parts of plants
- Sorting plants by the way they look
- What plants and animals need to live
- Comparing plants and animals
- Plants and animals change the environment to meet their needs
- Ways to reduce garbage
- Making observations
- Making predictions
- Recording observations
- Collecting information
- Creating a drawing or model of an object