1st Grade Science Syllabus

Course Description

In 1st Grade Science, students explore the natural world through hands-on discovery, inquiry, and observation. They learn to describe properties of matter, explore force and motion, observe patterns in nature, and understand the basic needs of living organisms. The curriculum integrates Science and Engineering Practices (SEPs) and aligns with the Texas Essential Knowledge and Skills (TEKS).

Curriculum Overview

Unit 1: Matter & Its Properties	August 14 – September 23
Unit 2: Force, Motion & Energy: Force & Motion	September 24 – October 10
Unit 3: Force, Motion & Energy: Energy	October 20 – December 3
Unit 4: Earth & Space: Seasons	December 4 - December 17
Unit 5: Earth & Space: Earth’s Surface	January 6 - February 18
Unit 6: Earth & Space: Earth’s Materials	February 19 - March 26
Unit 7: Living & Nonliving	March 27 - April 21
Unit 8: Organisms	April 22 - May 20

Skills & Standards

Scientific Concepts & Inquiry

- Ask questions and plan simple investigations
- Use tools to make observations and collect data
- Communicate findings through drawings, models, and discussions

Content Knowledge

- Describe and classify matter by physical properties
- Observe patterns in motion and effects of forces
- Identify sources of light, heat, and sound
- Describe weather and seasons
- Recognize Earth's materials and landforms
- Distinguish between living and nonliving things
- Explore life cycles and how structures help animals

STEM & Engineering

- Participate in collaborative investigations
- Apply scientific thinking to real-world situations
- Use models and tools to explore ideas

Grading

See Forney ISD Grading Guidelines