



2nd Grade Science Syllabus

Course Description

In 2nd Grade Science, students explore physical, Earth, and life sciences through interactive investigations. They describe properties of matter, observe forces, explore space, compare Earth's systems and resources, and investigate living organisms. Students engage in scientific inquiry and STEM practices aligned with the Texas Essential Knowledge and Skills (TEKS).

Curriculum Overview

Unit 1: Matter & Its Properties	August 14 – September 18
Unit 2: Force & Motion	September 19 – October 10
Unit 3: Energy is Everywhere	October 20 – November 7
Unit 4: Objects in the Sky	November 10 – November 21
Unit 5: Earth Systems	December 1 - January 23
Unit 6: Earth's Resources	January 26 - February 13
Unit 7: Environments	February 17 - April 1
Unit 8: Organisms	April 2 - May 20

Skills & Standards

Scientific Concepts & Inquiry

- Ask questions, plan, and conduct simple investigations
- Record, compare, and communicate observations using tools
- Analyze data and explain findings using models and visuals

Content Knowledge

- Properties and states of matter
- Forces, motion, and energy in everyday life
- Patterns in the sky and Earth's rotation
- Weather, landforms, and Earth's natural processes
- Natural and manmade resources
- Life cycles, structures, and environments of organisms

STEM & Engineering

- Use the Science and Engineering Practices (SEPs)
 - Solve real-world problems through exploration and design
 - Present findings with models, illustrations, and oral explanations
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Grading

See Forney ISD Grading Guidelines