

Calallen ISD
2025-2026
Syllabus

Campus: West/Magee Intermediate

Course and/or Grade Level: 4th Grade Science

Course Description: This course introduces students to key scientific concepts through hands-on investigations, critical thinking, and real-world applications. Aligned with the Texas Essential Knowledge and Skills (TEKS), students explore topics in physical science, life science, Earth and space science, and environmental systems. Emphasis is placed on scientific inquiry, data analysis, and the use of tools to gather information. Students learn to form hypotheses, conduct experiments, and communicate their findings using appropriate scientific vocabulary. The course fosters curiosity, promotes scientific literacy, and builds a strong foundation for future science learning.

Semester 1: August 13 – December 19, 2025

1st Quarter Topics	2nd Quarter Topics
Lab Safety, Tools, and Engineering Process Unit 1: Investigating Properties of Matter • Properties of Matter • Solids, Liquids, Gases Unit 2: Investigating Mixtures • Mixtures and Solutions Unit 3: Investigating Force and Motion • Contact Forces • Noncontact Forces	Unit 4: Investigating Energy • Transfer of Energy • Conductors & Insulators • Electrical Energy & Circuits Unit 8: Investigating Patterns Among the Sun, Earth, and Moon • Seasons • Moon Phases

Semester 2: January 5 – May 29, 2026

3rd Quarter Topics	4th Quarter Topics
Unit 5: Investigating Weather and Climate • Water Cycle & Weather Unit 7: Investigating Earth's Patterns of Change • Slow Changes to Earth Unit 6: Investigating Natural Resources • Natural Resources and Conservation	Unit 9: Investigating Ecosystems • Organisms in Ecosystems • Energy in Ecosystems • Fossils Unit 10: Investigating Structures and Functions of Organisms • Plant Structure and Functions • Physical Traits

**Minor adjustment to the schedule may be made based on campus schedules and student needs.*