

Calallen ISD 2025-2026**Syllabus - Template****Campus:** Middle School**Course and/or Grade Level:** 6th Grade Science

Course Description: 6th grade science is interdisciplinary in nature. Ensuring understandings in science transcends disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale. As students engage in inquiry-based scientific investigations and reasoning they will learn science in the following conceptual strands: Matter and Energy; Force, Motion and Energy; Earth and Space Science; and Organisms and Environments

Semester 1: August 13 – December 19, 2025

1st Quarter Topics	2nd Quarter Topics
Unit 01: Lab Safety Unit 02: Investigating Properties of Matter - States of matter - Density Unit 03: Investigating Elements and Chemical Change - Elements, Compounds and Mixtures - Signs of a chemical change Unit 04: Investigating Force and Motion - Newtons Third law - Balanced and unbalanced forces	Unit 05: Investigating Energy - Potential and Kinetic energy - Law of Conservation of energy - Waves Unit 06: Investigating the Solar System - Tides - Seasons

Semester 2: January 5 – May 29, 2026

3rd Quarter Topics	4th Quarter Topics
Unit 07: Investigating Earth's Layers - Layers of the Earth - Earth's Spheres - Rock Cycles Unit 08: Investigating Resource Management - Energy poverty - Energy conservation	Unit 09: Investigating Ecosystems - Competition for resources - Symbiosis - Levels of organization Unit 10: Investigating Organisms - Characteristics of cells - Cell Theory

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