

Calallen ISD 2025-2026
Syllabus

Campus: Calallen Middle School

Course and/or Grade Level: 8th Grade Math

Course Description: This course includes the study of algebra, data analysis, statistics, and probability, geometry and spatial sense, measurement, number and operations, patterns and functions, and problem solving. Students are expected to solve problems by matching strategies to given situations that are applicable to real world applications. Emphasis is placed on logical thinking processes.

Semester 1: August 13 – December 19, 2025

1st Quarter Topics	2nd Quarter Topics
Real Number System Compare and Ordering Scientific Notation Solving Equations Writing and Solving Equations and Inequalities Functions Slope Slope-Intercept Form	System of Equations Proportional vs. Non-Proportional Direct Variation Scatterplots Pythagorean Theorem Parallel Lines and Transversals Angles of Triangles Mean Absolute Deviation

Semester 2: January 5 – May 29, 2026

3rd Quarter Topics	4th Quarter Topics
Financial Literacy Surface Area Volume Transformations Dilations & Scale Factor Similar Figures Perimeter, Area, Volume Changes	Review ALL concepts for 8 th Grade Math STAAR test STAAR Test: April 23, 2026

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