

6th Grade Math Syllabus 2026-2027

Course Description

6th Grade Math focuses on foundational concepts in number operations, algebraic reasoning, geometry, and data analysis. Through problem solving, real-world applications, and critical thinking tasks, students will build fluency and confidence as they prepare for advanced mathematical concepts in middle school and beyond.

Curriculum Overview

The following table outlines the modules, timeframes, and specific TEKS (Texas Essential Knowledge and Skills) for the 2026-2027 school year. **Readiness TEKS** are priority standards for the grade level, while **Supporting TEKS** provide the necessary foundation for mastery.

Module	Module Name	Timeframe	Readiness TEKS	Supporting TEKS
1	Composing & Decomposing	Aug. 17 – Sept. 22	6.2D, 6.3E, 6.7A, 6.7D, 6.8D	6.2C, 6.2E, 6.3A, 6.3B, 6.4F, 6.5C, 6.8A, 6.8B, 6.8C
2	Relating Quantities	Sept. 23 – Nov. 11	6.2D, 6.3E, 6.4B, 6.4G, 6.4H, 6.5B, 6.6C	6.2C, 6.4A, 6.4C, 6.4D, 6.4E, 6.4F, 6.5A, 6.5C
3	Moving Beyond Positive Numbers	Nov. 12 – Dec. 11	6.2D, 6.3D, 6.11A	6.2A, 6.2B, 6.2C, 6.3C
4	Determining Unknown Quantities	Jan. 7 – March 1	6.3D, 6.6C, 6.7A, 6.7D, 6.8D, 6.10A, 6.11A	6.5A, 6.6A, 6.6B, 6.7B, 6.7C, 6.8C, 6.9A, 6.9B, 6.9C, 6.10B
5	Describing Variability of Quantities	March 15 – April 9	6.12C, 6.12D, 6.13A	6.12A, 6.12B, 6.13B

Review	STAAR Review	April 9 – April 26	Differentiated based on data	N/A
Step Up	Step Up to 7th Grade	May 3 – May 20	7.11A	7.11B

***Note:** Financial Literacy (Accounts, Credit, and Careers) is integrated throughout the year as part of IRL (In Real Life) applications.*

Skills & Standards

- **Multiply and divide** positive rational numbers, including fractions and decimals.
- Convert and **compare fractions, decimals, and percents** to solve real-world problems.
- Apply **ratios, rates, and proportional reasoning**.
- Classify, compare, and **order rational numbers and integers** on a number line and coordinate plane.
- Use properties of operations to generate **equivalent expressions**.
- Model and solve **one-variable, one-step equations and inequalities**.
- Solve geometric problems involving the **area of various polygons and the volume of right rectangular prisms**.
- **Represent and analyze data** using statistical measures (mean, median, range, IQR) and various graphs (dot plots, histograms, box plots).
- Understand financial literacy concepts, including **budgeting, credit, and banking**.

Grading

Please refer to the **Forney ISD Grading Guidelines** for information on grading policies, late work, and reassessment procedures