

7th Grade Math Syllabus 2026-2027

Course Description

7th Grade Math builds on the foundational math concepts developed in earlier grades. Students deepen their understanding of proportional relationships, algebraic reasoning, geometry, data analysis, and probability. Instruction emphasizes problem-solving and real-world application to prepare students for advanced mathematics in 8th grade and beyond.

Curriculum Overview

The following table outlines the modules, date ranges, and specific TEKS (Texas Essential Knowledge and Skills) for the 2026-2027 school year based on the updated district scope and sequence.

Module	Module Name	Date Range	Readiness TEKS	Supporting TEKS
1	Thinking Proportionally	Aug. 17 – Oct. 5	7.4A, 7.4D, 7.9B, 7.9C	7.4B, 7.4C, 7.4E, 7.5B
2	Applying Proportionality	Oct. 19 – Nov. 6	7.4D, 7.5C	7.4C, 7.5A, 7.13A-F
3	Reasoning Algebraically	Nov. 9 – Jan. 20	7.3B, 7.4A, 7.4D, 7.7A, 7.11A	7.2A, 7.3A, 7.10A-C, 7.11B
4	Analyze Populations & Probability	Jan. 21 – March 25	7.6G, 7.6H, 7.6I, 7.12A	7.6A, 7.6C, 7.6D, 7.6E, 7.12C
5	Constructing & Measuring	March 30 – April 12	7.9A, 7.9C	7.3A, 7.9D, 7.11C*
Review	STAAR Review	April 9 – April 26	Differentiated	N/A

Step Up	Step Up to 8th Grade	May 3 – May 20	TBD	TBD
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**Note: 7.IIC (Angle Relationships) is scheduled to be covered after the STAAR assessment.*

Skills & Standards

- Solve problems involving **circles**, including area and circumference.
- Analyze and apply **proportional and non-proportional relationships**.
- Solve multistep problems using **algebraic reasoning**.
- Represent and evaluate **expressions, equations, and inequalities**.
- Understand and apply concepts of **probability and data analysis**.
- Work with **geometric figures** and relationships in two dimensions.
- Interpret and represent data using multiple formats.
- Prepare for 8th grade math with **advanced algebraic thinking**.
- Develop **problem-solving strategies** and justify mathematical reasoning.

Grading

Please refer to the **Forney ISD Grading Guidelines** for expectations regarding grading, late work, and reassessment policies