



## 6th Grade Math Syllabus

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### 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.

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### Curriculum Overview

Unit	Unit Name	Readiness TEKS	Supporting TEKS
Unit 1	Multiplication & Division of Fractions and Decimals	6.3E	6.2E, 6.3A, 6.3B
Unit 2	Fractions, Decimals, and Percents	6.4G, 6.5B, 6.3E	6.4E, 6.4F, 6.5C
Unit 3	Ratios and Rates	6.4B, 6.4H	6.4C, 6.4D, 6.5A
Unit 4	Comparing and Ordering Numbers	6.2D	6.2A, 6.2B, 6.2C
Unit 5	Algebraic Representations	6.6C, 6.11A	6.4A, 6.6A, 6.6B
Unit 6	Integers	6.3D	6.3C
Unit 7	Order of Operations	6.7A, 6.7D	6.7C
Unit 8	Equations and Inequalities	6.10A	6.7B, 6.9A, 6.9B, 6.9C, 6.10B



Unit 9	Geometry	6.8D, 6.10A	6.8A, 6.8B, 6.8C
Unit 10	Data Analysis	6.12C, 6.12D, 6.13A	6.12A, 6.12B, 6.13B
Unit 11	Financial Literacy	—	6.14A, 6.14B, 6.14C, 6.14E, 6.14F, 6.14G, 6.14H (Not Assessed: 6.14D)
Unit 12	Step Up to 7th Grade	7.11A	7.11B

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## Skills & Standards

- Multiply and divide fractions and decimals
  - Convert and compare fractions, decimals, and percents
  - Apply ratios, rates, and proportional reasoning
  - Compare, order, and represent rational numbers
  - Use expressions, equations, and inequalities to model relationships
  - Apply the order of operations and work with integers
  - Understand and solve geometry problems involving area, surface area, and volume
  - Represent and analyze data using statistical measures and graphs
  - Understand financial literacy concepts, including budgeting and interest
  - Prepare for 7th grade with foundational algebraic reasoning skills
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## Grading



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