**5th Grade Math Syllabus**

## Course Description

In 5th Grade Math, students will build on foundational skills in number operations, algebraic reasoning, measurement, and data analysis to develop a deeper understanding of mathematical concepts. The course is designed to prepare students for success in middle school math by emphasizing problem solving, critical thinking, and real-world applications.

## Curriculum Overview

| Unit | Unit Name | Timeframe | Readiness TEKS | Supporting TEKS |
|------|-----------|-----------|----------------|-----------------|
| Unit 1 | Place Value & Addition and Subtraction of Rational Numbers | August–Sept. | 5.2B, 5.3K | 5.2A, 5.2C, 5.3A |
| Unit 2 | Multiplication | Sept. - Oct. | 5.3E | 5.3A, 5.3B, 5.3D |
| Unit 3 | Division | Oct. - Nov. | 5.3G | 5.3A, 5.3C, 5.3F |
| Unit 4 | Algebraic Reasoning | Nov. - Dec. | 5.4B, 5.4F | 5.4E |
| Unit 5 | Fractions | Dec. - Jan. | 5.3K, 5.3L | 5.3A, 5.3H, 5.3I, 5.3J, 5.4A |
| Unit 6 | Geometry & Measurement | Jan. - Feb. | 5.4H, 5.5A | 5.6A, 5.6B, 5.7A (Not Assessed: 5.4G) |
| Unit 7 | Applying Computation to Data Analysis | Feb. - March | 5.4C, 5.8C, 5.9C | 5.4D, 5.8A, 5.8B, 5.9A, 5.9B |

| Unit 8 | Financial Literacy | March–April | 5.3K | 5.10A, 5.10B, 5.10C, 5.10D, 5.10E |
| Unit 9 | Step Up to 6th Grade – Equivalent Expressions | April–May | 6.7D | 6.7C |

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## Skills & Standards

- Solve problems involving place value, decimals, and fractions

- Multiply and divide whole numbers and decimals

- Use expressions and equations to represent mathematical relationships

- Analyze patterns and relationships in algebraic reasoning

- Understand and apply measurement and geometric concepts

- Interpret and summarize data using graphs and numerical data

- Apply mathematical reasoning in financial literacy contexts

- Prepare for middle school math concepts and expectations

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## Grading

Please refer to the Forney ISD Grading Guidelines for details on grading policies, late work, and retake opportunities.