4th Grade Math Syllabus

Course Description

In 4th Grade Math, students will engage in problem-solving and mathematical reasoning across a range of topics including whole number operations, decimals, fractions, geometry, measurement, and data. Students will develop their mathematical thinking through hands-on activities, visual models, and real-world applications aligned to the Texas Essential Knowledge and Skills (TEKS).

Curriculum Overview

Unit 1: Whole Number Computations (Addition & Subtraction)	August 14 – September 10
Unit 2: Decimal Computations	September 15 – October 7
Unit 3: Fractions	October 20 – November 18
Unit 4: Geometry	November 21 – December 17
Unit 5: Whole Number Multiplication & Division	January 6 – February 27
Unit 6: Measurement	March 2 – March 25
Unit 7: Data	March 26 – April 8
STAAR Review	April 13 – April 28
Unit 8: Numeracy Strategies	April 29 – May 20

Skills & Standards

Students will develop and apply the following skills and standards throughout the year:

- Whole number and decimal addition, subtraction, multiplication, and division
- Representing and comparing fractions and decimals
- Understanding perimeter, area, and geometric properties
- Solving real-world problems using measurement and data
- Using multiple representations (models, graphs, equations) to solve problems
- Multiplication and division problem-solving with multiple strategies
- Measurement including area, perimeter, conversions, and relative size
- Representation and interpretation of data
- Numeracy development through models, number sense, and strategies
- Applying mathematical process standards, including:
    - Problem-solving strategies (TEKS 4.1A–G)
    - Mathematical communication and justification
    - Use of appropriate tools and technology
    - Real-world application and modeling
    - Problem-solving strategies and justification
    - Use of representations, tools, and precise language

Grading

See Forney ISD Grading Guidelines