

**Mrs. Gomillion's Syllabus
Elkton School 2025-2026
Sixth Grade Math**

First Quarter:

Use Positive Rational Numbers

Add, Subtract, Multiply, and Divide Whole Numbers and Decimals

Divide Fractions and Mixed Numbers

Solve Problems with Rational Numbers

Integers and Rational Numbers

Understand Integers

Rational Numbers on the Number Line

Absolute Value

Coordinate Planes (Distances, Polygons, etc.)

Second Quarter:

Numeric and Algebraic Expressions

Exponents

Greatest Common Factor (GCF) & Least Common Multiple (LCM)

Numerical & Algebraic Expressions

Equivalent Expressions

Simplify Algebraic Expressions

Mathematical Modeling

Equations and Inequalities

Equations and Solutions

Properties of Equality

Addition, Subtraction, Multiplication, and Division Equations

Write and Solve Equations with Rational Numbers

Understand Patterns

Write and Solve Inequalities

Dependent and Independent Variables

Relate Tables, Graphs, and Equations

Third Quarter:

Ratio and Rates

Understand Ratios
Generate and Compare Ratios
Represent and Graph Ratios
Understand Rates and Unit Rates
Compare and Solve Unit Rate Problems
Customary and Metric Unit Conversions
Relate Customary and Metric Units

Understand and Use Percent

Relate Fractions, Decimals, and Percents
Represent Percents Greater Than 100 or Less Than 1
Estimate to Find Percent
Find the Percent of a Number
Find the Whole Given a Part and the Percent

Fourth Quarter:

Area, Surface Area, and Volume Problems

Areas of Parallelograms and Rhombuses
Triangle, Trapezoids, and Polygon Area Problems
Represent Solid Figures Using Nets
Surface Areas of Prisms and Pyramids
Volume with Fractional Edge Lengths

Display, Describe, and Summarize Data

Recognize Statistical Questions
Mean, Median, Mode, and Range
Display Data in Box Plots, Frequency Tables, and Histograms
Measures of Variability
Appropriate Statistical Measures
Summarize Data Distributions