

5TH GRADE MATH STANDARDS

UNIT 1 Investigating Volume of Solid Figures	
5.GSR.8	Examine properties of polygons and rectangular prisms, classify polygons by their properties, and discover volume of right rectangular prisms.
5.NR.5	Write, interpret, and evaluate numerical expressions within authentic problems.
UNIT 2 Building Conceptual Understanding of Place Value Using Measurement and Data Reasoning	
5.NR.1	Use place value understanding to solve real-life, mathematical problems.
5.MDR.7	Solve problems involving customary measurements, metric measurements, and time and analyze graphical displays of data to answer relevant questions.
UNIT 3 Building Conceptual Understanding of Multiplication and Division with Whole Numbers	
5.NR.2	Multiply and divide multi-digit whole numbers to solve relevant, mathematical problems.
5.NR.5	Write, interpret, and evaluate numerical expressions within authentic problems.
5.MDR.7	Solve problems involving customary measurements, metric measurements, and time and analyze graphical displays of data to answer relevant questions.
UNIT 4 Building Fraction Understanding	
5.NR.3	Describe fractions and perform operations with fractions to solve relevant, mathematical problems using part-whole strategies and visual models.
5.MDR.7	Solve problems involving customary measurements, metric measurements, and time and analyze graphical displays of data to answer relevant questions.

UNIT 5 Making Sense of Fraction Multiplication and Division	
5.NR.3	Describe fractions and perform operations with fractions to solve relevant, mathematical problems using part-whole strategies and visual models.
UNIT 6 Extending Place Value and Working with Decimals to Solve Problems	
5.NR.4	Read, write, and compare decimal numbers to the thousandths place, and round and perform operations with decimal numbers to the hundredths place to solve relevant, mathematical problems.
5.MDR.7	Solve problems involving customary measurements, metric measurements, and time and analyze graphical displays of data to answer relevant questions.
UNIT 7 Exploring Geometry and the Coordinate Plane	
5.PAR.6	Solve relevant problems by creating and analyzing numerical patterns using the given rule(s).
5.GSR.8	Examine properties of polygons and rectangular prisms, classify polygons by their properties, and discover volume of right rectangular prisms.
UNIT 8 Review, Enrich, and Accelerate	
5.NR.1	Use place value understanding to solve real-life, mathematical problems.
5.NR.2	Multiply and divide multi-digit whole numbers to solve relevant, mathematical problems.
5.NR.3	Describe fractions and perform operations with fractions to solve relevant, mathematical problems using part-whole strategies and visual models.

5.NR.4	Read, write, and compare decimal numbers to the thousandths place, and round and perform operations with decimal numbers to the hundredths place to solve relevant, mathematical problems.
5.NR.5	Write, interpret, and evaluate numerical expressions within authentic problems.
5.PAR.6	Solve relevant problems by creating and analyzing numerical patterns using the given rule(s).
5.MDR.7	Solve problems involving customary measurements, metric measurements, and time and analyze graphical displays of data to answer relevant questions.
5.GSR.8	Examine properties of polygons and rectangular prisms, classify polygons by their properties, and discover volume of right rectangular prisms.