
 Mathematics Curriculum Map Overview

Topic	Skills	Approximate Days of Study
<p><u>Module 1</u> Adding and Subtracting Decimals</p> <p>(Math Expressions Unit 2)</p>	<ul style="list-style-type: none"> • Read and write decimals to thousandths in standard, expanded, and word form • Compare and order decimals to thousandths using $<$, $>$, and $=$ • Round decimal numbers to any place value • Add and subtract decimals to hundredths • Solve problems involving addition and subtraction of decimals 	18
<p><u>Module 2</u> Addition and Subtractions of Fractions</p> <p>(Math Expressions Unit 1)</p>	<ul style="list-style-type: none"> • Create equivalent fractions using multiplication or division • Compare fractions • Add and subtract fractions and mixed numbers with like and unlike denominators • Make reasonable estimates of sums and differences of fractions and mixed numbers • Solve real world problems involving addition and subtraction of fractions • Read and interpret line plots with fractional measurements to solve problems 	22

<p style="text-align: center;">Module 3 Multiplication and Division of Whole Numbers and Decimals</p> <p style="text-align: center;">(Math Expressions Units 4, 5, and 7)</p>	<ul style="list-style-type: none"> • Multiply whole numbers by powers of ten with and without exponents • Multiply multidigit whole numbers fluently (including 3-digit by 3-digit) • Multiply decimals by powers of ten with and without exponents • Multiply decimal numbers • Divide multidigit whole numbers by one- and two-digit whole numbers in cases with and without remainders • Interpret the remainder of a whole number division problem in a way that makes sense in the context of the problem • Describe the shift patterns that occur when a number is divided by powers of 10 that are expressed with and without exponents • Divide whole numbers and decimals by decimals to hundredths • Solve real world problems involving multiplication and division of whole numbers and decimals • Write and interpret numerical expressions • Order of operations 	30
<p style="text-align: center;">Module 4 Multiplication and Division of Fractions</p> <p style="text-align: center;">(Math Expressions Unit 3)</p>	<ul style="list-style-type: none"> • Multiply a fraction, whole number, or mixed number by a fraction or mixed number • Divide a whole number by a whole number to get a fractional quotient • Divide a unit fraction by a whole number or a whole number by a unit fraction • Predict how a product will compare to one factor based on the size of the other factor • Solve real world problems involving multiplication and division of fractions 	26

<p><u>Module 5</u> Geometry and Measurement</p> <p>(Math Expressions Unit 8)</p>	<ul style="list-style-type: none"> • Multiply or divide to convert among standard measurement units within a given measurement system (Customary and Metric) • Use a formula to find the area or unknown side length of a rectangle with fractional side lengths • Use a formula to find the volume of a rectangular prism including composite figures • Classify 2-dimensional figures based on properties • Make a line plot to display fractional measurements and solve problems • Solve real world problems involving area, volume, conversions, etc. 	<p style="text-align: center;">28</p>
<p><u>Module 6</u> Patterns and the Coordinate Plane</p> <p>(Math Expressions Unit 7)</p>	<ul style="list-style-type: none"> • Generate two numerical patterns given rules and generate ordered pairs • Identify relationships in patterns • Locate and plot points in Quadrant I of the coordinate plane • Solve real world problems 	<p style="text-align: center;">15+</p>