

5th Grade Math Plus Curriculum Overview

<u>Topic 1</u>	<u>Topic 2</u>	<u>Topic 3</u>	<u>Topic 4</u>	<u>Topic 5</u>
Decimal Place Value and Numbers in Base Ten	Operations in Base Ten—Whole Numbers and Decimals	Number System, Rational Numbers, and Coordinate Graphing	Understanding Fractions; Operations with Fractions	Understanding Ratios and Unit Rates
<p>5.NBT.1-4</p> <p>-Read, Write and Compare Decimals to Thousandths (5.NBT.3a,b)</p> <p>-Round Decimals (5.NBT.4)</p> <p>-Patterns in Place Value (10 times larger and 1/10 as large) (5.NBT.1)</p> <p>-Patterns in Multiplying and Dividing by Powers of 10 (5.NBT.2)</p>	<p>5.NBT.5-7; 6.NS.2-3</p> <p>-Multiply Multi-Digit Whole Numbers (5.NBT.5)</p> <p>-Divide Multi-Digit Whole Numbers (5.NBT.6; 6.NS.2)</p> <p>-Add, Subtract, Multiply, and Divide Decimals (5.NBT.7; 6.NS.3)</p>	<p>6.NS.5-8; 5.G.1-2</p> <p>-Understand Positive and Negative Numbers and their Uses (6.NS.5)</p> <p>-Rational Numbers and Integers on a Number Line (6.NS.6a)</p> <p>-Compare and Order Rational Numbers (6.NS.7)</p> <p>-Absolute Value (6.NS.7)</p> <p>-Understand the Coordinate System (5.G.1-2)</p> <p>-Coordinate System Graphing in All 4 Quadrants (6.NS.6b,c)</p> <p>-Distance on the Coordinate Plane (6.NS.8)</p>	<p>5.NF.1-7; 6.NS.1</p> <p>-Add and Subtract Fractions (5.NF.1-2)</p> <p>-Interpret a Fraction as Division (5.NF.3)</p> <p>-Multiply Fractions (5.NF.4a)</p> <p>-Area of Rectangles with Fractional Side Lengths (5.NF.4b)</p> <p>-Interpret Multiplication as Scaling/Resizing (5.NF.5)</p> <p>-Solve Problems with Fraction and Mixed Number Multiplication (5.NF.6)</p> <p>-Division of Unit Fractions and Whole Numbers(5.NF.7)</p> <p>-Divide Fractions by Fractions (6.NS.1)</p>	<p>6.RP.1-2</p> <p>-Understand Ratio Concepts and Use Ratio Language (6.RP.1)</p> <p>-Understand the Concept of a Unit Rate Associated with a Ratio (6.RP.1)</p>

<p align="center">Topic 6</p> <p align="center">Algebraic Expressions, Equations and Inequalities</p>	<p align="center">Topic 7</p> <p align="center">Measurement and Data; Unit Conversions</p>	<p align="center">Topic 8</p> <p align="center">Classifying and Measuring Geometric Figures</p>	<p align="center">Topic 9</p> <p align="center">GCF/LCM and the Distributive Property</p>	<p align="center">Topic 10</p> <p align="center">Statistics— Measures of Center and Spread</p> <p align="center">(If time permits)</p>
<p>5.OA.1-3; 6.EE.1-3; 6.EE.4-8</p> <p>-Evaluate Numerical Expressions (5.OA.1; 6.EE.1)</p> <p>-Write and Interpret Numerical Expressions (5.OA.2; 6.EE.1)</p> <p>-Analyze Patterns and Rules on a Coordinate Grid (5.OA.3)</p> <p>-Write, Read, and Evaluate Algebraic Expressions* (6.EE.2)</p> <p>-Apply Properties of Operations to Generate Equivalent Expressions (6.EE.3)</p> <p>-Reason About, Write and Solve One-Variable Equations and Inequalities* (6.EE.5-8)</p>	<p>5.MD.1-2</p> <p>-Convert Units of Measure within the Customary and Metric Systems (5.MD.1)</p> <p>-Represent and Interpret Data Sets of Measurements on Line Plots Using Fractions of Units (5.MD.2)</p>	<p>5.G.3-4; 6.G.1-4; 5.MD.3-5</p> <p>-Classify 2-Dimensional Figures (5.G.3-4)</p> <p>-Draw Polygons in the Coordinate Plane* (6.G.3)</p> <p>-Find Area of Triangles, Quadrilaterals, and Other Polygons* (6.G.1)</p> <p>-Understand Concepts of Volume and Measure Volume by Counting Unit Cubes (5.MD.3,4)</p> <p>-Find Volumes of Rectangular Prisms using Formulas (5.MD.5a,b)</p> <p>-Find Volume of Composed Figures (5.MD.5c)</p> <p>-Find Volumes of Rectangular Prisms with Fractional Edge Lengths (6.G.2)</p> <p>-Use Nets to Represent 3-D Figures and Find Surface Areas* (6.G.4)</p>	<p>6.NS.4</p> <p>-Find the Greatest Common Factor and Least Common Multiple of Whole Numbers (6.NS.4)</p> <p>-Use the Distributive Property to Represent Sums of Numbers with Common Factors (6.NS.4)</p>	<p>6.SP.1-2; 6.SP.4</p> <p>-Recognize Statistical Questions as Having Variability in Data (6.SP.1)</p> <p>- Measures of Center and Spread to Describe Data (6.SP.2)</p> <p>-Display Numerical Data in Line Plots, Dot Plots, and Histograms (6.SP.4)</p>