

5th Grade Math-Yearly Curriculum Overview

QUARTER 1

August	September -Numbers and Operations in Base Ten	October -Numbers and Operations in Base Ten
<ul style="list-style-type: none">● Placement Testing● Review of 4th Grade Material● IXL account setup● Prodigy account setup	<ol style="list-style-type: none">1. Understand Place Value<ol style="list-style-type: none">a. Exponents and Powers of 10b. Whole Number and Decimal Place Valuec. Comparing Decimalsd. Rounding Decimals2. Add and Subtract Decimals to Hundredths<ol style="list-style-type: none">a. Estimating Sums and Differencesb. Adding Decimalsc. Subtracting Decimals	<ol style="list-style-type: none">1. Fluently Multiply Multi-Digit Numbers<ol style="list-style-type: none">a. Multiply by Powers of 10b. Estimate Productsc. Multiply 3-Digit by 2-Digit Numbersd. Multiply Whole Numbers with Zerose. Word Problems with Multiplication

QUARTER 2

November -Numbers and Operations in Base Ten	December -Numbers and Operations in Base Ten	January -Numbers and Operations-Fractions
<ol style="list-style-type: none">1. Fluently Multiply Multi-Digit Numbers (con't from Oct.)2. Use Models and Strategies to Divide Whole Numbers<ol style="list-style-type: none">a. Patterns with Division	<ol style="list-style-type: none">1. Use Models and Strategies to Divide Whole Numbers (con't from Nov.)<ol style="list-style-type: none">a. Estimating Quotientsb. Partial Quotientsc. Divide by Multiples of 10d. Divide with 2-Digit Divisors2. Use Models and Strategies to Divide Decimals<ol style="list-style-type: none">a. Patterns for Dividing Decimalsb. Estimate Decimal Quotientsc. Divide by a 1-Digit Whole Numberd. Divide by a 2-Digit Whole Numbere. Divide by a Decimal	<ol style="list-style-type: none">1. Use Equivalent Fractions to Add and Subtract Fractions<ol style="list-style-type: none">a. Estimate Sums and Differences of Fractionsb. Find Common Denominatorsc. Reducing/Simplifying Fractionsd. Add Fractions with Unlike Denominators

QUARTER 3

January -Numbers and Operations-Fractions	February -Numbers and Operations-Fractions	March -Measurement and Data
<ul style="list-style-type: none">1. Use Equivalent Fractions to Add and Subtract Fractions<ul style="list-style-type: none">a. Subtract Fractions with Unlike Denominatorsb. Estimate Sums and Differences of Mixed Numbersc. Add Mixed Numbersd. Subtract Mixed Numbers2. Apply Understanding of Multiplication to Multiply Fractions<ul style="list-style-type: none">a. Multiply Fractions and Whole Numbersb. Multiply Two Fractionsc. Area of a Rectangle	<ul style="list-style-type: none">1. Apply Understanding of Multiplication to Multiply Fractions (Con't from Jan.)<ul style="list-style-type: none">a. Convert Mixed Numbers to Improper Fractionsb. Convert Improper Fractions to Mixed Numbersc. Multiply Mixed Numbersd. Multiplication as Scaling2. Apply Understanding of Division to Divide Fractions<ul style="list-style-type: none">a. Fractions and Divisionb. Fractions and Mixed Numbers as Quotientsc. Divide Whole Numbers by Unit Fractionsd. Divide Unit Fractions by Whole Numbers	<ul style="list-style-type: none">1. Understanding Volume Concepts<ul style="list-style-type: none">a. Model Volumeb. Volume of Prismsc. Combine Volume of Prisms2. Convert Measurement<ul style="list-style-type: none">a. Convert Customary Unitsb. Convert Metric Units

QUARTER 4

March -Measurement and Data	April -Operations and Algebraic Thinking	May -Operations and Algebraic Thinking
<ol style="list-style-type: none">1. Convert Measurement (con't)<ol style="list-style-type: none">a. Convert Customary Unitsb. Convert Metric Units2. Represent and Interpret Data<ol style="list-style-type: none">a. Line Plotsb. Word Problems with Line Plots3. Begin Prepping for PSSAs	<ol style="list-style-type: none">1. Pssa Prepping2. Write and Interpret Numerical Expressions<ol style="list-style-type: none">a. Order of Operationsb. Evaluate, Write, and Interpret Expressions3. Graph Points on a Coordinate Plane<ol style="list-style-type: none">a. The Coordinate Systemb. Graph Data Using Ordered Pairs4. PSSA Testing	<ol style="list-style-type: none">1. Graph Points on a Coordinate Plane (Con't if needed from April)2. Algebra: Analyze Patterns and Relationships<ol style="list-style-type: none">a. Numerical Patternsb. Analyze and Graph Relationships3. Geometric Measurement: Classify Two-Dimensional Figures<ol style="list-style-type: none">a. Classify Trianglesb. Classify Quadrilaterals