

4th Grade Math Curriculum Map (enVisions)

Quarter	Topic	Concepts Covered	CCSS	Assessments	Resources & Tools
Quarter 1 Building a Strong Foundation	Topic 1: Generalize Place Value Understanding	<ul style="list-style-type: none"> Understand place value for multi-digit numbers Recognize that in a multi-digit number, a digit represents ten times what it represents in the place to its right 	<ul style="list-style-type: none"> 4.NBT.1 4.NBT.2 4.NBT.3 	Summative Test over place value 2 Formative Quizzes	<ul style="list-style-type: none"> Envisions Math book Savvas Online components such as: <ul style="list-style-type: none"> - Practice Buddies - Quick Checks - Assigned Videos Interactive TV Dry Erase Boards Addition Practice Pages from Envisions Other teacher created materials or resources
	Topic 2: Fluently Add and Subtract Multi-Digit Whole Numbers	<ul style="list-style-type: none"> Fluently add and subtract multi-digit whole numbers Solve multi-step word problems 	<ul style="list-style-type: none"> 4.NBT.4 4.OA.3 	Summative Test over addition and subtraction 2 Formative Quizzes	
	Topic 3: Use Strategies and Properties to Multiply by 1-Digit Numbers	<ul style="list-style-type: none"> Multiply whole numbers by one-digit numbers using strategies based on place value and properties of operations 	<ul style="list-style-type: none"> 4.NBT.5 4.OA.1 	Summative Test over multiplication 1 digit by multi-digit 2 Formative Quizzes	
Quarter 2 Multiplication, Division & Factors	Topic 4: Multiplying by 2-Digit Numbers	<ul style="list-style-type: none"> Multiply two-digit numbers using various strategies, including area models and partial products 	<ul style="list-style-type: none"> 4.NBT.5 	Summative Test over multiplying 2 digit by 2 digit numbers 2 Formative Quizzes	
	Topic 7: Factors and Multiples	<ul style="list-style-type: none"> Identify factors and multiples of whole numbers Determine if a number is prime or composite 	<ul style="list-style-type: none"> 4.OA.4 	Summative Test over factors and multiples	

				2 Formative Quizzes	<ul style="list-style-type: none"> • Envisions Math book • Savvas Online components such as: <ul style="list-style-type: none"> - Practice Buddies - Quick Checks - Assigned Videos • Interactive TV • Dry Erase Boards • Addition Practice Pages from Envisions • Other teacher created materials or resources
	Topic 5: Use Strategies and Properties to Divide by 1-Digit Numbers	<ul style="list-style-type: none"> • Divide multi-digit numbers by one-digit divisors using strategies based on place value, properties of operations, and the relationship between multiplication and division 	<ul style="list-style-type: none"> • 4.NBT.6 • 4.OA.3 	Summative Test over Division 2 Formative Quizzes	
Quarter 3 Fractions	Topic 8: Extend Understanding of Fraction Equivalence & Ordering	<ul style="list-style-type: none"> • Recognize and generate equivalent fractions • Compare fractions with different numerators and denominators 	<ul style="list-style-type: none"> • 4.NF.1 • 4.NF.2 	Summative Test over Equivalent Fractions 2 Formative Quizzes	
	Topic 9: Understand Addition and Subtraction of Fractions	<ul style="list-style-type: none"> • Add and subtract fractions with like denominators • Decompose fractions into sums of smaller fractions • Converting between improper fractions and mixed numbers 	<ul style="list-style-type: none"> • 4.NF.3 	Summative Test over Add/Sub Fractions 2 Formative Quizzes	
	Topic 10: Extend Multiplication Concepts to Fractions	<ul style="list-style-type: none"> • Multiply a fraction by a whole number • Understand a fraction as a multiple of a unit fraction 	<ul style="list-style-type: none"> • 4.NF.4 	Summative Test over Multiplying Fractions 2 Formative Quizzes	
Quarter 4 Geometry, Measurement, & Data	Topic 11: Represent and Interpret Data on Line Plots	<ul style="list-style-type: none"> • Display and interpret data using line plots • Solve problems involving addition and subtraction of fractions using information presented in line plots 	<ul style="list-style-type: none"> • 4.MD.4 	Summative Test over interpreting data and line plots 2 Formative Quizzes	
	Topic 12: Understand and	<ul style="list-style-type: none"> • Read, write, and compare decimals to hundredths 	<ul style="list-style-type: none"> • 4.NF.5 • 4.NF.6 	Summative Test over Decimals	

	Compare Decimals	<ul style="list-style-type: none"> Use decimal notation for fractions with denominators 10 or 100 	<ul style="list-style-type: none"> 4.NF.7 	2 Formative Quizzes	<ul style="list-style-type: none"> Envisions Math book Savvas Online components such as: <ul style="list-style-type: none"> Practice Buddies Quick Checks Assigned Videos Interactive TV Dry Erase Boards Addition Practice Pages from Envisions Other teacher created materials or resources
	Topic 13: Measurement: Find Equivalence in Units of Measure	<ul style="list-style-type: none"> Convert measurements from larger units to smaller units within the same system Solve word problems involving distances, intervals of time, and money 	<ul style="list-style-type: none"> 4.MD.1 4.MD.2 	Summative Test over measurements 2 Formative Quizzes	
	Topic 14: Algebra: Generate and Analyze Patterns	<ul style="list-style-type: none"> Generate numerical patterns following a given rule Identify apparent features of patterns that were not explicit in the rule itself 	<ul style="list-style-type: none"> 4.OA.5 	Summative Test over patterns 2 Formative Quizzes	
	Topic 15: Geometric Measurement: Understand Concepts of Angles and Angle Measurement	<ul style="list-style-type: none"> Recognize angles as geometric shapes formed wherever two rays share a common endpoint Measure angles in whole-number degrees using a protractor 	<ul style="list-style-type: none"> 4.MD.5 4.MD.6 	Summative Test over angles and measurements 2 Formative Quizzes	
	Topic 16: Lines, Angles, and Shapes	<ul style="list-style-type: none"> Draw and identify lines and angles Classify shapes based on the presence or absence of parallel or perpendicular lines, or angles of a specified size 	<ul style="list-style-type: none"> 4.G.1 4.G.2 4.G.3 	Summative Test over lines, angles, and shapes 2 Formative Quizzes	