



Topic	enVision Math Texas Grade 4 Lesson	TEKS	Ready® Texas Mathematics Recommended Lesson Sequencing	i-Ready Online Lessons
Topic 1 <i>Number and Operations</i> <b>Place Value</b>	1–1 Numbers through One Billion	4.2.B	Lesson 1: Understand Place Value (4.2.A, 4.2.B) Lesson 2: Compare and Order Whole Numbers (4.2.B, 4.2.C) Lesson 3: Round Whole Numbers (4.2.D) Lesson 14: Understand Decimals (4.2.B, 4.2.E) Lesson 15: Relate Decimals and Fractions (4.2.G, 4.2.H, 4.3.G) Lesson 16: Compare and Order Decimals (4.2.E, 4.2.F)	Round Whole Numbers Practice: Place Value to Thousands Understand Place Value Practice: Understand Place Value Practice: Compare Whole Numbers Use Place Value to Round Numbers Fractions as Tenths and Hundredths
	1–2 Place Value Relationships	4.2.A		
	1–3 Comparing and Ordering Whole Numbers	4.2.C		
	1–4 Rounding Whole Numbers	4.2.D		
	1–5 Problem Solving: Writing to Explain	4.1.G		
	1–6 Using Money to Understand Decimals	4.2.E		
	1–7 Decimal Place Value	4.2.B		
	1–8 Fractions Decimals	4.2.G		
	1–9 Decimals on the Number Line	4.2.H		
	1–10 Comparing and Ordering Decimals	4.2.F		
	1–11 Problem Solving: Use Representations	4.1.E		
Topic 2 <i>Number and Operations</i> <b>Adding and Subtracting Whole Numbers and Decimals</b>	2–1 Using Mental Math to Add and Subtract	4.4	Lesson 4: Add and Subtract Whole Numbers (4.4.A) Lesson 17: Add and Subtract Decimals (4.4.A)	Subtract Whole Numbers Practice: Subtract Whole Numbers Add Whole Numbers Practice: Add Whole Numbers Add and Subtract Decimals Practice: Add Decimals Practice: Subtract Decimals Practice: Use Place Value to Add within 1,000 Practice: Use Place Value to Subtract within 1,000 Add and Subtract within 1,000 Practice: Add and Subtract within 1,000, Part 1 Practice: Add and Subtract within 1,000, Part 2
	2–2 Estimating Sums and Differences of Whole Numbers	4.4.G		
	2–3 Adding Whole Numbers	4.4.A		
	2–4 Subtracting Whole Numbers	4.4.A		
	2–5 Subtracting Across Zeros	4.4.A		
	2–6 Modeling Addition and Subtraction of Decimals	4.4		
	2–7 Adding Decimals	4.4.A		
	2–8 Subtracting Decimals	4.4.A		
	2–9 Adding and Subtracting Money	4.4.A		
	2–10 Problem Solving: Draw a Strip Diagram and Write an Equation	4.1.D		



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Topic 3 <i>Number and Operations</i> <b>Number Sense: Multiplying by One-Digit Numbers</b>	3–1 Multiplication Properties	4.4.B	Lesson 5: Multiply by One-Digit Numbers (4.4.B, 4.4.D)	Multiply by Multiples of 10 Practice: Multiply by One-Digit Numbers Break Apart a Number to Multiply Practice: Multiples of 6 Practice: Multiples of 7 Practice: Multiples of 8 Practice: Multiples of 9 Multiply by One-Digit Numbers, Part 1 Multiply by One-Digit Numbers, Part 2
	3–2 Multiplying by 10 and 100	4.4.B		
	3–3 Multiplying by Multiples of 10 and 100	4.4.D		
	3–4 Distributive Property	4.4.D		
	3–5 Breaking Apart to Multiply	4.4.D		
	3–6 Using Mental Math to Multiply	4.4.D		
	3–7 Using Rounding to Estimate	4.4.G		
	3–8 Problem Solving: Multi-Step Problems	4.1.A		
Topic 4 <i>Number and Operations</i> <b>Developing Proficiency: Multiplying by One-Digit Numbers</b>	4–1 Arrays and Using an Expanded Algorithm	4.4.D	Lesson 5: Multiply by One-Digit Numbers (4.4.B, 4.4.D)	Multiply by Multiples of 10 Practice: Multiply by One-Digit Numbers Break Apart a Number to Multiply Practice: Multiples of 6 Practice: Multiples of 7 Practice: Multiples of 8 Practice: Multiples of 9 Multiply by One-Digit Numbers, Part 1 Multiply by One-Digit Numbers, Part 2
	4–2 Connecting the Expanded and Standard Algorithms	4.4.D		
	4–3 Multiplying 2-Digit by 1-Digit Numbers	4.4.D		
	4–4 Multiplying 3-Digit by 1-Digit Numbers	4.4.D		
	4–5 Multiplying 4-Digit by 1-Digit Numbers	4.4.D		
	4–6 More Multiplying by 1--Digit Numbers	4.4.D		
	4–7 Problem Solving: Draw a Strip Diagram and Write an Equation	4.1.D		
Topic 5 <i>Number and Operations</i> <b>Number Sense: Multiplying by Two-Digit Numbers</b>	5–1 Arrays and Multiplying 2-Digit Numbers by Multiples of 10	4.4.C	Lesson 6: Multiply by Two-Digit Numbers (4.4.C, 4.4.D, 4.4.H)	Multiply Two-Digit Numbers by Two-Digit Numbers Practice: Multiply Two-Digit Numbers Solve Multi-Step Problems Round Whole Numbers
	5–2 Using Mental Math to Multiply 2-Digit Numbers	4.4.D	Lesson 18: Estimation and Problem Solving (4.4.G)	
	5–3 Using Rounding to Estimate	4.4.G		
	5–4 Using Compatible Numbers to Estimate	4.4.G		
	5–5 Problem Solving: Multi-Step Problems	4.1.A, 4.5.A		



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Topic 6 <i>Number and Operations</i> <b>Developing Proficiency: Multiplying by Two-Digit Numbers</b>	1 Arrays and Multiplying 2-Digit Numbers	4.4.C	Lesson 6: Multiply by Two-Digit Numbers (4.4.C, 4.4.D, 4.4.H) Lesson 18: Estimation and Problem Solving (4.4.G)	Multiply Two-Digit Numbers by Two-Digit Numbers Practice: Multiply Two-Digit Numbers Solve Multi-Step Problems Round Whole Numbers
	6–2 Arrays and an Expanded Algorithm	4.4.D		
	6–3 Multiplying 2-Digit Numbers by Multiples of 10	4.4.D		
	6–4 Multiplying 2-Digit by 2-Digit Numbers	4.4.D		
	6–5 More Multiplying by 2-Digit Numbers	4.4.C		
	6–6 Perfect Squares	4.4.C		
	6–7 Problem Solving: Multi-Step Problems	4.1.A, 4.5.A		
Topic 7 <i>Number and Operations</i> <b>Number Sense: Dividing by One-Digit Numbers</b>	7–1 Using Mental Math to Divide	4.4.F	Lesson 7: Divide Whole Numbers (4.4.E, 4.4.F, 4.4.H) Lesson 18: Estimation and Problem Solving (4.4.G)	Divide Whole Numbers, Part 1 Divide Whole Numbers, Part 2 Practice: Divide Whole Numbers, Part 1 Practice: Divide Whole Numbers, Part 2 Division Word Problems with Remainders, Part 1 Division Word Problems with Remainders, Part 2 Practice: Division Word Problems with Remainders Understand Division, Part 2
	7–2 Estimating Quotients	4.4.G		
	7–3 Estimating Quotients for Greater Dividends	4.4.G		
	7–4 Understanding Remainders	4.4.E, 4.4.H		
	7–5 Problem Solving: Draw a Strip Diagram and Write an Equation	4.1.D		
Topic 8 <i>Number and Operations</i> <b>Developing Proficiency: Dividing by One-Digit Numbers</b>	8–1 Using Partial Quotients to Divide	4.4.E	Lesson 7: Divide Whole Numbers (4.4.E, 4.4.F, 4.4.H)	Divide Whole Numbers, Part 1 Divide Whole Numbers, Part 2 Practice: Divide Whole Numbers, Part 1 Practice: Divide Whole Numbers, Part 2 Division Word Problems with Remainders, Part 1 Division Word Problems with Remainders, Part 2 Practice: Division Word Problems with Remainders Understand Division, Part 2
	8–2 Division as Sharing	4.4.F		
	8–3 Dividing 2-Digit by 1-Digit Numbers	4.4.F		
	8–4 Dividing 3-Digit by 1-Digit Numbers	4.4.F		
	8–5 Deciding Where to Start Dividing	4.4.F		
	8–6 Zeros in the Quotient	4.4.F		
	8–7 Dividing 4-Digit by 1-Digit Numbers	4.4.F		
	8–8 Problem Solving: Reasonableness	4.1.B		



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Topic 9 <i>Algebraic Reasoning</i> <b>Patterns and Equations</b>	9–1 Understanding Equality	4.5	Lesson 19: Model Multi-Step Problems (4.4.H, 4.5.A) Lesson 20: Number Patterns (4.5.B)	Solve Two-Step Word Problems Using the Four Operations Solve Multi-Step Problems Multiplicative Comparison Word Problems, Part 1 Multiplicative Comparison Word Problems, Part 2 Practice: Multiplicative Comparison Problems Multiplicative Comparison Word Problems, Part 3 Practice: More Multiplicative Comparison Problems Practice: Understand Multiplication as Comparison Number and Shape Patterns Analyze Patterns and Relationships Practice: Analyze Patterns and Relationships
	9–2 Solving Addition and Subtraction Equations	4.5		
	9–3 Solving Multiplication and Division Equations	4.5		
	9–4 Describing Rules in Words	4.5.B		
	9–5 Patterns and Tables	4.5.B		
	9–6 Problem Solving: Make a Table and Look for a Pattern	4.1.C, 4.1.E		
Topic 10 <i>Number and Operations</i> <b>Fraction Meaning and Equivalence</b>	10–1 Meanings of Fractions	4.3.A	Lesson 8: Understand Equivalent Fractions (4.3.C) Lesson 9: Compare Fractions (4.3.D) Lesson 10: Understand Fractions Greater Than One (4.3.A, 4.3.B)	Understand What a Fraction Is Understand Mixed Numbers Find Equivalent Fractions Equivalent Fractions Understand Comparing Fractions Compare Fractions
	10–2 Equivalent Fractions	4.3.C		
	10–3 Fractions in Simplest Form	4.3.C		
	10–4 Number Lines and Equivalent Fractions	4.3.G		
	10–5 Comparing Fractions	4.3.D		
	10–6 Problem Solving: Use Reasoning	4.1.D		
Topic 11 <i>Number and Operations</i> <b>Adding and Subtracting Fractions with Like Denominators</b>	11–1 Modeling Addition of Fractions	4.3.E	Lesson 10: Understand Fractions Greater Than One (4.3.A, 4.3.B) Lesson 11: Understand Fraction Addition and Subtraction (4.3.E) Lesson 12: Add and Subtract Fractions (4.3.E) Lesson 13: Add and Subtract Mixed Numbers (4.3.E)	Understand What a Fraction Is Understand Mixed Numbers Understand Adding and Subtracting Fractions Add and Subtract Fractions Fractions as Tenths and Hundredths
	11–2 Decomposing Fractions	4.3.B		
	11–3 Adding Fractions with Like Denominators	4.3.E		
	11–4 Modeling Subtraction of Fractions	4.3.E		
	11–5 Subtracting Fractions with Like Denominators	4.3.E		
	11–6 Adding and Subtracting on the Number Line	4.3.E		
	11–7 Estimating Fraction Sums and Differences	4.3.E		
	11–8 Problem Solving: Analyze Relationships	4.1.F		



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Topic 12 <i>Geometry and Measurement</i> <b>Measurement Units and Conversions</b>	12–1 Using Customary Units of Length	4.8.A	Lesson 27: Convert Measurements (4.8.A, 4.8.B) Lesson 29: Length, Liquid Volume, and Mass (4.8.C)	Express Measurements in Larger Units Practice: Convert Metric Units of Length Practice: Convert Customary Units of Length Practice: Convert Metric Units of Mass Practice: Convert Customary Units of Weight Practice: Convert Metric Units of Liquid Volume Practice: Convert Customary Units of Liquid Volume Practice: Convert Units of Time Solve Word Problems Involving Measurement Solve Word Problems Involving Conversions Multiplication Word Problems
	12–2 Using Customary Units of Capacity	4.8.A		
	12–3 Using Units of Weight	4.8.A		
	12–4 Changing Customary Units	4.8.B		
	12–5 Problem Solving: Analyze Given Information	4.8.B		
	12–6 Using Metric Units of Length	4.8.A		
	12–7 Using Metric Units of Capacity	4.8.A		
	12–8 Using Units of Mass	4.8.A		
	12–9 Changing Metric Units	4.8.B		
	12–10 Units of Time	4.8.C		
	12–11 Problem Solving: Analyze Relationships	4.1.F		
Topic 13 <i>Geometry and Measurement</i> <b>Solving Measurement Problems</b>	13–1 Perimeter	4.5.C	Lesson 21: Perimeter and Area (4.5.D) Lesson 28: Time and Money (4.8.C)	Understand Area Add and Multiply to Find Area Connect Area and Perimeter Multiply Fractions to Find Area Multiplication Word Problems
	13–2 Area of Squares and Rectangles	4.5.C		
	13–3 Solving Perimeter and Area Problems	4.5.D		
	13–4 Solving Measurement Problems	4.8.C		
	13–5 Solving Problems Involving Money	4.8.C		
	13–6 Solving Problems Involving Time	4.8.C		
	13–7 Problem Solving: Multi-Step Problems	4.1.A, 4.1.C		
Topic 14 <i>Geometry and Measurement</i> <b>Solving Lines, Angles, and Shapes</b>	14–1 Points, Lines, and Planes	4.6.A	Lesson 22: Points, Lines, Rays, and Angles (4.6.A, 4.6.C) Lesson 23: Classify Two-Dimensional Figures (4.6.A, 4.6.C, 4.6.D) Lesson 24: Symmetry (4.6.B) Lesson 25: Measure and Draw Angles (4.7.C, 4.7.D) Lesson 26: Add and Subtract with Angles (4.7.E)	Identify Angles Add and Subtract Angle Measures Identify Points, Lines, and Rays Line Symmetry Classify Quadrilaterals Classify Triangles Identify Two-Dimensional Figures Classify Two-Dimensional Figures Measure Angles Practice: Measure Angles
	14–2 Line Segments, Rays, and Angles	4.6.A		
	14–3 Understanding Angles and Unit Angles	4.7.A, 4.7.B		
	14–4 Measuring with Unit Angles	4.7		
	14–5 Measuring Angles	4.7.C, 4.7.D		
	14–6 Adding and Subtracting Angle Measures	4.7.E		
	14–7 Triangles	4.6.C		
	14–8 Quadrilaterals	4.6.D		
	14–9 Line Symmetry	4.6.B		
	14–10 Problem Solving: Use Reasoning	4.1.G		



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Topic 15 <i>Data Analysis</i> <b>Data Analysis</b>	15–1 Frequency Tables	4.9.A	Lesson 30: Represent Data (4.9.A) Lesson 31: Use Data to Solve Problems (4.9.B)	None
	15–2 Reading Dot Plots	4.9.B		
	15–3 Making Dot Plots	4.9.A		
	15–4 Reading Stem-and-Leaf Plots	4.9.B		
	15–5 Making Stem-and-Leaf Plots	4.9.A		
	15–6 Problem Solving: Use Representations	4.1.E		
Topic 16 <i>Personal Financial Literacy</i> <b>Personal Financial Literacy</b>	16–1 Spending, Saving, and Sharing	4.10.D	Lesson 32: Fixed and Variable Expenses (4.10.A) Lesson 33: Calculate Profit (4.10.B) Lesson 34: Financial Institutions (4.10.E)	None
	16–2 Ways to Save	4.10.C		
	16–3 Fixed and Variable Expenses	4.10.A		
	16–4 Banks and Other Institutions	4.10.E		
	16–5 Problem Solving: Analyze Relationships	4.1.F, 4.10.B		