



ThinkUp!

with  i-Ready[®]

**Correlation of the TEKS Resource System
to ThinkUp! Math, Ready Texas Mathematics
and i-Ready Personalized Instruction Math Lessons**
MATH | Grade 4

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons	
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready
Unit 1: Place Value of Whole Numbers and Decimals	4.1A-G 4.2A 4.2B 4.2C 4.2E 4.2F 4.2H 4.3G	Unit 1: Use Base 10 Place Value to Interpret Place-Value Positions (4.2(A)) Unit 2: Represent the Values of Digits in Whole Numbers and Decimals (4.2(B)) Unit 3: Compare and Order Numbers (4.2(C)) Unit 5: Use Models to Represent Decimal Numbers (4.2(E)) Unit 6: Use Models to Compare and Order Decimal Numbers (4.2(F)) Unit 8: Determine Decimal Numbers as Points on a Number Line (4.2(H)) Unit 14: Represent Fractions and Decimals as Distances on Number Lines (4.2(G))	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 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
Unit 2: Addition and Subtraction of Whole Numbers and Decimals	4.1A-G 4.2D 4.4A 4.4G 4.10B 4.10E	Unit 4: Round Whole Numbers (4.2(D)) Unit 15: Add and Subtract Whole Numbers and Decimals (4.4(A)) Unit 21: Estimate Solutions for Operations with Whole Numbers (4.4(G)) Unit 38: Classify Expenses and Calculate Profit (4.10(A), 4.10(B)) Unit 39: Describe Savings Options, Spending, and Financial Institutions (4.10(C), 4.10(D), 4.10(E))	Lesson 3: Round Whole Numbers (4.2.D) Lesson 4: Add and Subtract Whole Numbers (4.4.A) Lesson 17: Add and Subtract Decimals (4.4.A) Lesson 18: Estimation and Problem Solving (4.4.G) Lesson 33: Calculate Profit (4.10.B) Lesson 34: Financial Institutions (4.10.E)	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

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons	
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready
Unit 3: Multiplication of Whole Numbers	4.1A-G 4.4B 4.4C 4.4D 4.4G 4.4H 4.5A	Unit 16: Multiply by 10 or 100 (4.4(B)) Unit 17: Use Arrays, Area Models, or Equations to Represent Products (4.4(C)) Unit 18: Use Strategies and Algorithms to Multiply (4.4(D)) Unit 21: Estimate Solutions for Operations with Whole Numbers (4.4(G)) Unit 22: Solve One- and Two-Step Multiplication and Division Problems (4.4(H)) Unit 23: Use the Four Operations to Represent Multi-Step Problems (4.5(A))	Lesson 5: Multiply By One-Digit Numbers (4.4.B, 4.4.D) Lesson 6: Multiply by Two-Digit Numbers (4.4.C, 4.4.D, 4.4.H) Lesson 7: Divide Whole Numbers (4.4.H, 4.4.E, 4.4.F) Lesson 18: Estimation and Problem Solving (4.4.G) Lesson 19: Model Multi-Step Problems (4.4.H, 4.5.A)	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 Multiply Two-Digit Numbers by Two-Digit Numbers Practice: Multiply Two-Digit Numbers Solve Multi-Step Problems Round Whole Numbers
Unit 4: Division of Whole Numbers	4.1A-G 4.4E 4.4F 4.4G 4.4H 4.5A	Unit 19: Use Arrays, Area Models, or Equations to Represent Quotients (4.4(E)) Unit 20: Use Strategies and Algorithms to Divide (4.4(F)) Unit 21: Estimate Solutions for Operations with Whole Numbers (4.4(G)) Unit 22: Solve One- and Two-Step Multiplication and Division Problems (4.4(H)) Unit 23: Use the Four Operations to Represent Multi-Step Problems (4.5(A))	Lesson 7: Divide Whole Numbers (4.4.E, 4.4.F, 4.4.H) Lesson 18: Estimation and Problem Solving (4.4.G) Lesson 19: Model Multi-Step Problems (4.4.H, 4.5.A)	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

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons	
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready
Unit 5: All Operations	4.1A-G 4.4A 4.4H 4.5A 4.5B 4.10A 4.10B	Unit 15: Add and Subtract Whole Numbers and Decimals (4.4(A)) Unit 22: Solve One- and Two-Step Multiplication and Division Problems (4.4(H)) Unit 23: Use the Four Operations to Represent Multi-Step Problems (4.5(A)) Unit 24: Use Input-Output Tables to Generate Number Patterns (4.5(B)) Unit 38: Classify Expenses and Calculate Profit (4.10(A), 4.10(B))	Lesson 4: Add and Subtract Whole Numbers (4.4.A) Lesson 6: Multiply by Two-Digit Numbers (4.4.H, 4.4.C, 4.4.D) Lesson 7: Divide Whole Numbers (4.4.H, 4.4.E, 4.4.F) Lesson 17: Add and Subtract Decimals (4.4.A) 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
Unit 6: Fractions	4.1A-G 4.2G 4.3A 4.3B 4.3C 4.3D 4.3E 4.3F 4.3G	Unit 7: Relate Decimals to Fractions: Tenths and Hundredths (4.2(G)) Unit 9: Represent and Decompose Fractions as a Sum of Fractions (4.3(A)) Unit 10: Determine Equivalent Fractions (4.3(C)) Unit 11: Use $>$, $=$, or $<$ to Represent Fraction Comparisons (4.3(D)) Unit 12: Represent and Solve Problems with Fractions (4.3(E)) Unit 13: Use Benchmark Fractions to Evaluate Sums and Differences (4.3(F)) Unit 14: Represent Fractions and Decimals as Distances on Number Lines (4.3(G))	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) 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) Lesson 15: Relate Decimals and Fractions (4.2.G, 4.2.H, 4.3.G)	Add Fractions with Like Denominators Subtract Fractions with Like Denominators Practice: Add and Subtract Fractions Decompose Fractions Add Mixed Numbers with Like Denominators Subtract Mixed Numbers with Like Denominators Practice: Add and Subtract Mixed Numbers Find Equivalent Fractions Practice: Find Equivalent Fractions Use Common Denominators to Compare Fractions Use a Benchmark to Compare Fractions Practice: Use Strategies to Compare Fractions Fractions as Tenths and Hundredths Add and Subtract Fractions Add and Subtract Fractions in Word Problems

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons	
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready
Unit 7: Data Representations	4.1A-G 4.9A 4.9B	Unit 36: Represent Data on Frequency Tables, Dot Plots, and Stem-and-Leaf Plots (4.9(A)) Unit 37: Solve Problems Using Data from Tables and Graphs (4.9(B))	Lesson 30: Represent Data (4.9.A) Lesson 31: Use Data to Solve Problems (4.9.B)	
Unit 8: Measurement	4.1A-G 4.5C 4.5D 4.6A 4.8A 4.8B 4.8C	Unit 25: Use Formulas and Models to Solve Problems with Perimeter and Area (4.5(C), 4.5(D)) Unit 26: Identify Points, Lines, Line Segments, Rays, Angles, and Parallel and Perpendicular Lines (4.6(A)) Unit 33: Identify Metric Measurement Units and Convert Metric Measures (4.8(A), 4.8(B)) Unit 34: Identify Customary Measurement Units and Convert Customary Measures (4.8(A), 4.8(B)) Unit 35: Solve Measurement Problems: Length, Time, Liquid Volume, Mass, and Money (4.8(C))	Lesson 21: Perimeter and Area (4.5.D) Lesson 27: Convert Measurements (4.8.A, 4.8.B) Lesson 28: Time and Money (4.8.C) Lesson 29: Length, Liquid Volume, and Mass (4.8.C)	Understand Area Add and Multiply to Find Area Connect Area and Perimeter Multiply Fractions to Find Area 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

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons		
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready	
Unit 9: Geometry— Points, Lines, and Angles	4.1A-G 4.6A 4.6B 4.6C 4.6D	Unit 26: Identify Points, Lines, Line Segments, Rays, Angles, and Parallel and Perpendicular Lines (4.6(A)) Unit 27: Identify and Draw Lines of Symmetry (4.6(B)) Unit 28: Identify Acute, Right, and Obtuse Triangles (4.6(C)) Unit 29: Classify Two-Dimensional Figures Using Lines and Angles (4.6(D))	Lesson 22: Points, Lines, Rays, and Angles (4.6.A, 4.6.C) Lesson 23: Classify Two-Dimensional Figures (4.6.D, 4.6.A, 4.6.C) Lesson 24: Symmetry (4.6.B)	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	
Unit 10: Geometry— Measuring Angles	4.1A-G 4.7A 4.7B 4.7C 4.7D 4.7E	Unit 30: Illustrate Angle Measures in Degrees (4.7(A), 4.7(B)) Unit 31: Measure and Draw Angles (4.7(C), 4.7(D)) Unit 32: Determine Angle Measures for Non-Overlapping Adjacent Angles (4.7(E))	Lesson 25: Measure and Draw Angles (4.7.C, 4.7.D) Lesson 26: Add and Subtract With Angles (4.7.E)	Add and Subtract Angle Measures Measure Angles Practice: Measure Angles	
Unit 11: Making Connections	4.1A-G 4.3E 4.4A 4.4H 4.5A 4.5B 4.5D 4.8C 4.9A 4.9B	Unit 12: Represent and Solve Problems with Fractions (4.3(E)) Unit 15: Add and Subtract Whole Numbers and Decimals (4.4(A)) Unit 22: Solve One- and Two-Step Multiplication and Division Problems (4.4(H)) Unit 23: Use the Four Operations to Represent Multi-Step Problems (4.5(A)) Unit 24: Use Input-Output Tables to Generate Number Patterns (4.5(B))	Lesson 4: Add and Subtract Whole Numbers (4.4.A) Lesson 6: Multiply by Two-Digit Numbers (4.4.H, 4.4.C, 4.4.D) Lesson 7: Divide Whole Numbers (4.4.H, 4.4.E, 4.4.F) 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, 4.3.F)	Understand Adding and Subtracting Fractions Add and Subtract Fractions Fractions as Tenths and Hundredths Add and Subtract Fractions in Word Problems Subtract Whole Numbers Practice: Subtract Whole Numbers Add Whole Numbers Practice: Add Whole Numbers Add and Subtract Decimals	Practice: Division Word Problems with Remainders 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

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons		
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready	
Unit 11 cont'd: Making Connections		Unit 25: Use Formulas and Models to Solve Problems with Perimeter and Area (4.5(C), 4.5(D)) Unit 35: Solve Measurement Problems: Length, Time, Liquid Volume, Mass, and Money (4.8(C)) Unit 36: Represent Data on Frequency Tables, Dot Plots, and Stem-and-Leaf Plots (4.9(A)) Unit 37: Solve Problems Using Data from Tables and Graphs (4.9(B))	Lesson 17: Add and Subtract Decimals (4.4.A) Lesson 19: Model Multi-Step Problems (4.4.H, 4.5.A) Lesson 20: Number Patterns (4.5.B) Lesson 21: Perimeter and Area (4.5.D) Lesson 28: Time and Money (4.8.C) Lesson 29: Length, Liquid Volume, and Mass (4.8.C) Lesson 30: Represent Data (4.9.A) Lesson 31: Use Data to Solve Problems (4.9.B)	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 Division Word Problems with Remainders, Part 1 Division Word Problems with Remainders, Part 2	Practice: Understand Multiplication as Comparison Number and Shape Patterns Analyze Patterns and Relationships Practice: Analyze Patterns and Relationships Understand Area Add and Multiply to Find Area Connect Area and Perimeter Multiply Fractions to Find Area Multiplication Word Problems
Unit 12: Essential Understandings of Fractions	4.2G 4.3A 4.3B 4.3C 4.3D 4.3E 4.3F 4.3G	Unit 9: Represent and Decompose Fractions as a Sum of Fractions (4.3(A), 4.3(B)) Unit 10: Determine Equivalent Fractions (4.3(C)) Unit 11: Use $>$, $=$, or $<$ to Represent Fraction Comparisons (4.3(D)) Unit 12: Represent and Solve Problems with Fractions (4.3(E)) Unit 13: Use Benchmark Fractions to Evaluate Sums and Differences (4.3(F)) Unit 14: Represent Fractions and Decimals as Distances on Number Lines (4.3(G))	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) 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) Lesson 15: Relate Decimals and Fractions (4.2.G, 4.2.H, 4.3.G)	Add Fractions with Like Denominators Subtract Fractions with Like Denominators Practice: Add and Subtract Fractions Decompose Fractions Add Mixed Numbers with Like Denominators Subtract Mixed Numbers with Like Denominators Practice: Add and Subtract Mixed Numbers Find Equivalent Fractions Practice: Find Equivalent Fractions Use Common Denominators to Compare Fractions Use a Benchmark to Compare Fractions Practice: Use Strategies to Compare Fractions Fractions as Tenths and Hundredths Add and Subtract Fractions Add and Subtract Fractions in Word Problems	

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons	
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready
Unit 13: Essential Understandings of All Operations	4.1A-G 4.4A 4.4H 4.8C 4.10A 4.10B 4.10C 4.10D 4.10E	Unit 15: Add and Subtract Whole Numbers and Decimals (4.4(A)) Unit 22: Solve One- and Two-Step Multiplication and Division Problems (4.4(H)) Unit 35: Solve Measurement Problems: Length, Time, Liquid Volume, Mass, and Money (4.8(C)) Unit 38: Classify Expenses and Calculate Profit (4.10(A), 4.10(B)) Unit 39: Describe Savings Options, Spending, and Financial Institutions (4.10(C), 4.10(D), 4.10(E))	Lesson 4: Add and Subtract Whole Numbers (4.4.A) Lesson 6: Multiply by Two-Digit Numbers (4.4.H, 4.4.C, 4.4.D) Lesson 7: Divide Whole Numbers (4.4.H, 4.4.E, 4.4.F) Lesson 17: Add and Subtract Decimals (4.4.A) Lesson 19: Model Multi-Step Problems (4.4.H, 4.5.A) Lesson 28: Time and Money (4.8.C) Lesson 29: Length, Liquid Volume, and Mass (4.8.C) Lesson 32: Fixed and Variable Expenses (4.10.A) Lesson 33: Calculate Profit (4.10.B) Lesson 34: Financial Institutions (4.10.E)	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 Division Word Problems with Remainders, Part 1 Division Word Problems with Remainders, Part 2 Practice: Division Word Problems with Remainders Divide Whole Numbers, Part 1 Divide Whole Numbers, Part 2 Practice: Divide Whole Numbers, Part 1 Practice: Divide Whole Numbers, Part 2 Understand Division, Part 2 Solve Two-Step Word Problems Using the Four Operations Multiply Two-Digit Numbers by Two-Digit Numbers Practice: Multiply Two-Digit Numbers Solve Multi-Step Problems Multiplication Word Problems