



ThinkUp!TM

with  i-Ready[®]

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

MATH | Grade 2

TEKS Resource System		ThinkUp!	Ready Texas Mathematics & i-Ready Personalized Instruction Math Lessons		
Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready	
Unit 1: Foundations of Number	2.1A-G 2.2A 2.2B 2.2C 2.2D 2.2E 2.2F	Unit 1: Use Models to Compose and Decompose Numbers (2.2(A)) Unit 2: Represent Numbers in Standard Form, Word Form, and Expanded Form (2.2(B)) Unit 3: Compare and Order Numbers (2.2(C), 2.2(D)) Unit 4: Locate Whole Numbers on a Number Line (2.2(E), 2.2(F))	Lesson 7: Understand Greater Numbers (2.2.A) Lesson 8: Read and Write Greater Numbers (2.2.B) Lesson 9: Compare Greater Numbers (2.2.C, 2.2.D) Lesson 17: Points on a Number Line (2.2.E, 2.2.F, 2.9.C)	Understand Hundreds, Tens, and Ones Use Hundreds, Tens, and Ones Practice: Use Hundreds, Tens, and Ones Practice: Place Value to Hundreds Add Within 1,000 on Number Lines Practice: Add Within 1,000 on Number Lines Add Within 100 on Number Lines, Part 1 Practice: Add Within 100 on Number Lines, Part 1 Practice: Add Within 100 on Number Lines, Part 2 Practice: Add Within 100 on Number Lines	
Unit 2: Number Relationships	2.1A-G 2.4A 2.5A 2.5B 2.7A 2.7B 2.7C	Unit 7: Add and Subtract Within 20 (2.4(A)) Unit 11: Name the Value of a Set of Coins (2.5(A), 2.5(B)) Unit 14: Identify Even and Odd Numbers (2.7(A)) Unit 15: Find 10 or 100 More or Less (2.7(B)) Unit 16: Solve Word Problems for Unknowns: +/− (2.7(C))	Lesson 1: Understand Mental Math Strategies (Fact Families) (2.4.A) Lesson 2: Solve One-Step Word Problems (2.7.C) Lesson 3: Understand Mental Math Strategies (Make a Ten) (2.4.A) Lesson 4: Understand Even and Odd Numbers (2.7.A) Lesson 10: Mental Math: More or Less (2.7.B) Lesson 25: Solve Word Problems Involving Money (2.5.A, 2.5.B)	Think Addition to Subtract (Make a Ten) Practice: Think Addition to Subtract Practice: Add Within 10 Use Mental Math to Add (Make a Ten), Part 1 Use Mental Math to Add (Make a Ten), Part 2 Practice: Use Mental Math to Add (Make a Ten) Use Mental Math to Add (Near Doubles) Use Mental Math Strategies to Add Practice: Use Mental Math Strategies to Add Think Addition to Subtract Understand Patterns	Add or Subtract 10 or 100 Add To Word Problems Within 10 Compare Bigger Unknown Word Problems Within 20 Practice: Add Within 10 Solve Two-Step Problems Add To Start Unknown Word Problems Within 20 Take From Start Unknown Word Problems Within 20 Compare Smaller Unknown Word Problems Within 20

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Unit 3: Addition and Subtraction without Algorithms	2.1A-G 2.4A 2.4B 2.4C 2.4D 2.5A 2.5B 2.7C	Unit 7: Add and Subtract Within 20 (2.4(A)) Unit 8: Add and Subtract Two-Digit Numbers (2.4(B)) Unit 9: Add and Subtract Within 1,000 (2.4(C)) Unit 10: Generate and Solve Problems: Addition and Subtraction (2.4(D)) Unit 11: Name the Value of a Set of Coins (2.5(A), 2.5(B)) Unit 16: Solve Word Problems for Unknowns: +/- (2.7(C))	Lesson 1: Understand Mental Math Strategies (Fact Families) (2.4.A) Lesson 2: Solve One-Step Word Problems (2.7.C) Lesson 3: Understand Mental Math Strategies (Make a Ten) (2.4.A) Lesson 11: Add Two-Digit Numbers (2.4.B) Lesson 12: Subtract Two-Digit Numbers (2.4.B) Lesson 13: Add Three-Digit Numbers (2.4.C) Lesson 14: Subtract Three-Digit Numbers (2.4.C) Lesson 15: Add Several Two-Digit Numbers (2.4.B) Lesson 16: Solve Multi-Step Problems (2.4.C, 2.4.D) Lesson 25: Solve Word Problems Involving Money (2.5.A, 2.5.B)	Think Addition to Subtract (Make a Ten) Practice: Think Addition to Subtract Practice: Add Within 10 Use Mental Math to Add (Make a Ten), Part 1 Use Mental Math to Add (Make a Ten), Part 2 Practice: Use Mental Math to Add (Make a Ten) Use Mental Math to Add (Near Doubles) Use Mental Math Strategies to Add Practice: Use Mental Math Strategies to Add Think Addition to Subtract Subtract Within 100 on Number Lines Practice: Subtract Within 100 on Number Lines Add to Subtract Within 100 on Number Lines, Part 2 Practice: Add to Subtract on Number Lines, Part 2 Practice: Subtract on Number Lines (Within 100) Add by Breaking Apart Two-Digit Numbers Practice: Add by Breaking Apart Two-Digit Numbers Add Within 100 on Number Lines, Part 2 Add up to Four Two-Digit Numbers Add Two-Digit Numbers	Practice: Add Two-Digit Numbers Add More Two-Digit Numbers Practice: Add More Two-Digit Numbers Practice: Add Within 100 on Number Lines, Part 2 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 Solve Two-Step Problems Subtract Within 1,000 on Number Lines Practice: Subtract Within 1,000 on Number Lines Add To Word Problems Within 10 Compare Bigger Unknown Word Problems Within 20 Add To Start Unknown Word Problems Within 20 Take From Start Unknown Word Problems Within 20 Compare Smaller Unknown Word Problems Within 20

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Unit	TEKS	ThinkUp! Math	Ready Texas	i-Ready	
Unit 4: Two- and Three-Dimensional Figures	2.1A-G 2.8A 2.8B 2.8C 2.8D 2.8E	Unit 17: Create Two-Dimensional Shapes and Classify Polygons (2.8(A), 2.8(C)) Unit 18: Sort and Classify Three-Dimensional Solids (2.8(B)) Unit 19: Compose and Decompose Shapes (2.8(D), 2.8(E))	Lesson 26: Recognize and Draw Shapes (2.8.A, 2.8.C) Lesson 27: Sort Solid Shapes (2.8.B) Lesson 28: Build Shapes and Solids (2.8.D) Lesson 29: Decompose Shapes (2.8.E)	Recognize and Draw Shapes Practice: Recognize Shapes Divide Shapes Into Three Equal Parts	
Unit 5: Fractions	2.1A-G 2.3A 2.3B 2.3C 2.3D 2.8E	Unit 5: Partition Objects and Explain Fractional Parts (2.3(A), 2.3(B), 2.3(D)) Unit 6: Count Fractional Parts Beyond One Whole (2.3(C)) Unit 20: Find Lengths and Describe Relationships (2.9(A), 2.9(B))	Lesson 29: Decompose Shapes (2.8.E) Lesson 31: Understand Halves, Fourths, and Eighths in Shapes (2.3.A, 2.3.B, 2.3.D) Lesson 32: Part and Wholes (2.3.C)	Divide Shapes Into Two, Three, or Four Equal Parts Practice: Identify Two, Three, or Four Equal Parts Divide Shapes Into Three Equal Parts Understand What a Fraction Is	
Unit 6: Addition and Subtraction with Algorithms	2.1A-G 2.4A 2.4B 2.4C 2.4D 2.7C 2.11A 2.11C	Unit 7: Add and Subtract Within 20 (2.4(A)) Unit 8: Add and Subtract Two-Digit Numbers (2.4(B)) Unit 9: Add and Subtract Within 1,000 (2.4(C)) Unit 10: Generate and Solve Problems: Addition and Subtraction (2.4(D)) Unit 16: Solve Word Problems for Unknowns: +/- (2.7(C)) Unit 28: Investigate Saving, Deposits, and Withdrawals (2.11(A), 2.11(B), 2.11(C))	Lesson 1: Understand Mental Math Strategies (Fact Families) (2.4.A) Lesson 2: Solve One-Step Word Problems (2.7.C) Lesson 3: Understand Mental Math Strategies (Make a Ten) (2.4.A) Lesson 11: Add Two-Digit Numbers (2.4.B) Lesson 12: Subtract Two-Digit Numbers (2.4.B) Lesson 13: Add Three-Digit Numbers (2.4.C) Lesson 14: Subtract Three-Digit Numbers (2.4.C) Lesson 15: Add Several Two-Digit Numbers (2.4.B)	Think Addition to Subtract (Make a Ten) Practice: Think Addition to Subtract Practice: Add Within 10 Use Mental Math to Add (Make a Ten), Part 1 Use Mental Math to Add (Make a Ten), Part 2 Practice: Use Mental Math to Add (Make a Ten) Use Mental Math to Add (Near Doubles) Use Mental Math Strategies to Add Practice: Use Mental Math Strategies to Add Think Addition to Subtract	Practice: Add to Subtract on Number Lines, Part 2 Add Within 100 on Number Lines, Part 2 Add up to Four Two-Digit Numbers Add Two-Digit Numbers Practice: Add Two-Digit Numbers Add More Two-Digit Numbers Practice: Add More Two-Digit Numbers Practice: Add Within 100 on Number Lines, Part 2 Practice: Use Place Value to Add Within 1,000 Practice: Use Place Value to Subtract Within 1,000

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Unit 6, cont'd: Addition and Subtraction with Algorithms			Lesson 16: Solve Multi-Step Problems (2.4.C, 2.4.D) Lesson 33: Having a Bank Account (2.11.A, 2.11.B, 2.11.C)	Subtract Within 100 on Number Lines Practice: Subtract Within 100 on Number Lines Add to Subtract Within 100 on Number Lines, Part 2 Subtract Within 1,000 on Number Lines Practice: Subtract Within 1,000 on Number Lines Add To Word Problems Within 10 Compare Bigger Unknown Word Problems Within 20 Add To Start Unknown Word Problems Within 20 Take From Start Unknown Word Problems Within 20 Compare Smaller Unknown Word Problems Within 20	Add and Subtract Within 1,000 Practice: Add and Subtract Within 1,000, Part 1 Practice: Add and Subtract Within 1,000, Part 2 Solve Two-Step Problems
Unit 7: Data Analysis	2.1A-G 2.10A 2.10B 2.10C 2.10D	Unit 26: Create and Explain Pictographs and Bar Graphs (2.10(A), 2.10(B)) Unit 27: Use Graphs to Solve Problems and Make Predictions (2.10(C), 2.10(D))	Lesson 23: Draw and Use Bar Graphs and Picture Graphs (2.10.A, 2.10.B, 2.10.C, 2.10.D)		
Unit 8: Time	2.1A-G 2.9G	Unit 25: Read and Write Time (2.9(G))	Lesson 24: Tell and Write Time (2.9.G)	Tell and Write Time Practice: Tell and Write Time	

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Unit 9: Linear Measurement	2.1A-G 2.9A 2.9B 2.9C 2.9D 2.9E	Unit 20: Find Lengths and Describe Relationships (2.9(A), 2.9(B)) Unit 21: Represent Whole Numbers as Distances on a Number Line (2.9(C)) Unit 22: Use Measuring Tools to Determine Lengths (2.9(D)) Unit 23: Solve Problems Involving Lengths (2.9(E))	Lesson 17: Points on a Number Line (2.2.E, 2.2.F, 2.9.C) Lesson 18: Understand Length and Measurement Tools (2.9.A) Lesson 19: Measure Length (2.9.D) Lesson 20: Understand Measurement With Different Units (2.9.B) Lesson 21: Understand Estimating Length (2.9.E) Lesson 22: Add and Subtract Lengths (2.9.E)	Practice: Estimate Lengths Compare Lengths Line plot and measuring length Understand Measurement with Different Units Understand Number Lines Understand Addition Using Number Lines Practice: Addition Using Number Lines Understand Subtraction Using Number Lines, Part 1 Practice: Subtraction Using Number Lines, Part 1 Understand Subtraction Using Number Lines, Part 2 Practice: Subtraction Using Number Lines, Part 2 Add Within 100 on Number Lines, Part 2 Add Within 100 on Number Lines, Part 2 Measure Lengths in Centimeters Practice: Measure Lengths Measure Length and Plot Data on Line Plots Estimate Lengths in Inches Estimate Lengths in Centimeters	Practice: Add Within 100 on Number Lines, Part 2 Subtract Within 100 on Number Lines Practice: Subtract Within 100 on Number Lines Add to Subtract Within 100 on Number Lines, Part 1 Practice: Add to Subtract on Number Lines, Part 1 Add to Subtract Within 100 on Number Lines, Part 2 Practice: Add to Subtract on Number Lines, Part 2 Practice: Subtract on Number Lines (Within 100) Subtract Within 1,000 on Number Lines Practice: Subtract Within 1,000 on Number Lines
Unit 10: Contextual Multiplication and Division	2.1A-G 2.10A 2.10B 2.10C 2.10D	Unit 12: Model Multiplication Situations (2.6(A)) Unit 13: Model Division Situations (2.6(B)) Unit 24: Use Square Units to Find the Area of a Rectangle (2.9(F))	Lesson 5: Using Arrays (2.6.A) Lesson 6: Equal Groups (2.6.B) Lesson 30: Area (2.9.F)	Understand Division, Part 2 Measure Lengths in Inches Understand Area Add and Multiply to Find Area	

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Unit 11: Essential Fractional Understandings	2.1A-G 2.3A 2.3B 2.3C	Unit 5: Partition Objects and Explain Fractional Parts (2.3(A), 2.3(B), 2.3(D)) Unit 6: Count Fractional Parts Beyond One Whole (2.3(C))	Lesson 31: Understand Halves, Fourths, and Eighths in Shapes (2.3.A, 2.3.B, 2.3.D) Lesson 32: Part and Wholes (2.3.C)	Divide Shapes Into Two, Three, or Four Equal Parts Practice: Identify Two, Three, or Four Equal Parts Divide Shapes Into Three Equal Parts Understand What a Fraction Is
Unit 12: Personal Financial Literacy	2.1A-G 2.11A 2.11B 2.11C 2.11D 2.11E 2.11F	Unit 28: Investigate Saving, Deposits, and Withdrawals (2.11(A), 2.11(B), 2.11(C)) Unit 29: Investigate Borrowing, Lending, Producers, and Consumers (2.11(D), 2.11(E), 2.11(F))	Lesson 33: Having a Bank Account (2.11.A, 2.11.B, 2.11.C) Lesson 34: Borrowing and Lending Money (2.11.D, 2.11.E) Lesson 35: Producers, Consumers, and Costs (2.11.F)	