

Objective & Puzzle Talk

Scope and Sequence

Grade K



ST Math
Created by MIND Education

ST Math Objective	TEKS	Puzzle Talks	TEKS
Numbers and Objects to 5	K.2.B, K.2.C, K.2.A, K.2.D, K.2.E	Counting within 5 Scattered Numerals within 5	K.2.B, K.2.C, K.2.D, K.2.A
Subitizing (K)	K.2.D	Subitizing to 5	K.2.D
Numbers and Objects to 10	K.2.B, K.2.C, K.2.A, K.2.E	Counting within 10 Scattered Numerals to 10	K.2.B, K.2.C, K.2.A
Exploring Shapes	K.6.A, K.6.C, K.6.D, K.6.E		
Greater Than, Less Than, Equal To	K.2.E, K.2.F, K.2.G	Greater Than, Less Than, Equal To	K.2.E, K.2.F
Understanding Addition and Subtraction within 5	K.2.I, K.3.A, K.3.B, K.3.C	Addition and Subtraction within 5 Addition within 5 Intro to Visual Addition within 5 Intro to Visual Subtraction within 5 Subtraction within 5	K.2.I, K.3.A K.2.I, K.3.A K.2.I, K.3.A K.2.I, K.3.A K.2.I, K.3.A
Composing Shapes	K.6.A, K.6.B, K.6.C, K.6.D, K.6.F	Composing 2D Shapes	K.6.D, K.6.F, K.6.A
Understanding Addition and Subtraction within 10	K.2.I, K.3.A, K.3.B, K.3.C	Addition and Subtraction within 10 Strategies for Addition Within 10 Strategies for Subtraction Within 10	K.2.I, K.3.A K.2.I, K.3.A, K.3.C, K.3.B K.2.I, K.3.A, K.3.C, K.3.B

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Making 10 and Number Pairs	K.2.I, K.3.A, K.3.B, K.3.C	Composing Numbers Up To 10	K.2.I, K.3.C, K.2.A
		Decomposing Numbers Up To 10	K.2.I, K.3.C
Numbers and Objects to 20	K.2.B, K.2.C, K.2.A, K.2.E	Counting Objects In A Set Up To 20	K.2.B, K.2.C, K.2.A
		Numerals to 20	K.2.B, K.2.C, K.2.A
Comparing Numbers	K.2.E, K.2.H, K.2.G, K.2.F	Comparing within 10, Symbolic	K.2.H, K.2.G
Counting to 100 (K)	K.5 K.2.A, K.2.B	Counting on by Ones to 100	K.5
		Counting on by Tens to 100	K.2.B, K.2.A
Measurable Attributes	K.7.B, K.7.A	Comparing Objects by Length	K.7.B, K.7.A
		Comparing Objects By Weight	K.7.B, K.7.A
Analyzing Shapes	K.6.D, K.6.E	Identifying Shape Attributes	K.6.D
Addition and Subtraction Facts within 5	K.3.A		
Sorting and Classifying	K.8.A, K.8.B, K.8.C, K.6.A, K.6.E		

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Objective & Puzzle Talk

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Grade 1



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ST Math Objective	TEKS	Puzzle Talks	TEKS
Addition and Subtraction Within 10	1.3.B, 1.3.D, 1.3.E, 1.3.F 1.5.D, 1.5.F	Addition within 10 Subtraction within 10 Addition and Subtraction within 10	1.5.F, 1.5.G, 1.5.E, 1.3.F, 1.3.D
Measurement Concepts	1.7.D, 1.7.A, 1.7.B, 1.7.C	Ordering Objects Measuring Length	1.7.C 1.7.D, 1.7.A
Number Pairs and Making 10	1.3.C, 1.5.F 1.3.B, 1.3.E, 1.3.F, 1.3.D	Number Pairs to 10	1.3.C, 1.3.F, 1.3.E, 1.3.C, 1.3.D
Ten as a Unit	1.2.F, 1.2.B, 1.2.C, 1.2.D, 1.5.C, 1.5.B		
Addition and Subtraction within 20	1.5.D, 1.3.D	Strategies for Addition Within 20 Strategies for Subtraction Within 20 Adding Three Numbers within 20 Ten Frame Addition and Subtraction within 20 Basic Fact Strategies To Subtract Within 20	1.3.D, 1.5.D, 1.3.E 1.3.D, 1.5.D, 1.3.E 1.3.D 1.5.F, 1.3.D, 1.3.F, 1.3.E 1.5.F, 1.3.E, 1.3.F, 1.3.D

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Objective & Puzzle Talk

Scope and Sequence

Grade 1



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ST Math Objective	TEKS	Puzzle Talks	TEKS
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Addition, Subtraction and Equations	1.5.F, 1.5.E 1.5.D, 1.2.C, 1.3.B, 1.3.E, 1.3.F, 1.3.D	The Meaning of the Equal Sign	1.5.F, 1.5.E, 1.3.E, 1.3.F, 1.3.D
Addition and Subtraction Situations with Unknowns	1.5.F, 1.5.D, 1.5.G, 1.5.E, 1.3.B, 1.3.E, 1.3.F, 1.3.D	Addition and Subtraction with Unknowns I	1.5.F, 1.5.G, 1.5.E, 1.3.F, 1.3.D
		Addition and Subtraction with Unknowns II	1.5.F, 1.5.G, 1.5.E, 1.3.F, 1.3.D
Composite Shapes	1.6.F, 1.6.C, 1.6.G, 1.6.H	Composing 2D Shapes	1.6.F
		Intro to 3D Shapes	
Place Value Concepts	1.2.C, 1.2.B, 1.2.A	Counting by Grouping	1.2.C, 1.2.B, 1.2.A
		Decomposing Numbers to 120	1.2.B, 1.2.C
Bundles to 100	1.2.B, 1.2.C, 1.3.A, 1.5.B	Place Value to 100 with a Visual Model	1.2.B, 1.2.C, 1.3.A
		Composing Numbers to 120	1.2.B, 1.2.C, 1.3.A
Counting to 120	1.2.F, 1.2.C, 1.5.A	Counting to 120	1.2.F, 1.5.A
		Count Forward and Backwards Within 120	1.2.F, 1.5.A
Comparing and Ordering Two-Digit Numbers	1.2.F, 1.2.E, 1.2.G, 1.2.D	Comparing and Ordering Two-Digit Numbers	1.2.F, 1.2.E, 1.2.G
Adding and Subtracting by Tens	1.3.A, 1.5.C, 1.3.B, 1.3.D, 1.3.E	Adding One-Digit Numbers to Multiples of 10	1.3.A, 1.5.C

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ST Math Objective	TEKS	Puzzle Talks	TEKS
*Log in prior to clicking the linked Puzzle Talk.			
Equal Shares and Partitioning	1.6.G, 1.6.H	Describe and Identify Halves and Fourths	1.6.H, 1.6.G
Shape Differences	1.6.D, 1.6.A		
Organizing Data	1.8.B	Organizing Data into Bar Graphs	1.8.B, 1.8.A
Telling Time	1.7.E		
Money	1.4.A		
Mixed Review Grade 1		Applying Properties of Operations to Subtract	1.5.G
		Building Numbers with a Place Value Model	1.2.C

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Objective & Puzzle Talk

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Grade 2



ST Math
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ST Math Objective	TEKS	Puzzle Talks	TEKS
*Log in prior to clicking the linked Puzzle Talk.			
Skip Counting	2.2.C	Skip Counting	2.2.C
Addition and Subtraction Situations	2.4.D, 2.4.C, 2.4.A	Strategies for Adding up to 4 Two-Digit Numbers	2.4.D, 2.4.A, 2.4.B
One Hundred as a Unit	2.2.A	Place Value Regrouping	2.2.A
		Building 100 with 10s	2.2.A
The Number Line to 1,200	2.2.C, 2.2.F, 2.2.E, 2.9.C	Intro to the Number Line - Circular Model	2.2.C, 2.2.F, 2.2.E, 2.9.C
		Placing Numbers on a Number Line	2.2.C, 2.2.F, 2.2.E,
		Scrolling and Zooming on the Number Line	2.2.F, 2.2.E
Addition and Subtraction Situations within 100	2.4.B	Addition within 100 with a Concrete Model	2.4.B, 2.4.D
		Visually Adding up to 4 Two-Digit Numbers	2.4.B, 2.4.D
		Using Place Value to Subtract Two-Digit Numbers	2.4.B, 2.4.D
		Strategies for Subtracting Two-Digit Numbers	2.4.B, 2.4.D, 2.2.A
Place Value to 1,200	2.2.B	Place Value Regrouping: Scattered	2.2.B, 2.2.A
		Composing Numbers to 1,200	2.2.B, 2.2.A
		Decomposing Numbers to 1,200	2.2.A, 2.2.B
Counting to 1,000	2.2.E		
Comparing Three-Digit Numbers	2.2.C, 2.2.F, 2.2.D, 2.2.E		
Operations on the Number Line	2.7.C, 2.9.C, 2.2.E		

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Objective & Puzzle Talk

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Grade 2



ST Math
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ST Math Objective	TEKS	Puzzle Talks	TEKS
*Log in prior to clicking the linked Puzzle Talk.			
Measurement	2.9.A, 2.9.B, 2.9.C, 2.9.D, 2.9.E	Measuring in Standard Units	2.9.C, 2.9.D, 2.9.A, 2.9.B
		Comparing Standard Units of Measurement	2.9.B, 2.9.C, 2.9.D, 2.9.A
Adding and Subtracting Tens and Hundreds	2.7.B		
Place Value Bundles to 1000	2.2.A, 2.2.B	Building 1000	2.2.A, 2.2.B
Two-Step Situations	2.7.C, 2.4.A, 2.4.C, 2.4.D	Two-Step Problems	2.4.D, 2.4.A
Two-Digit Addition and Subtraction	2.4.B	Subtraction within 100 using Tokens	2.4.B, 2.2.A
Rows and Columns	2.8.D, 2.8.E, 2.8.F		
Even and Odd Numbers	2.7.A		
Partitioning into Equal Shares	2.3.A, 2.3.D	Making Halves and Fourths	2.3.A, 2.3.D
		Making Eighths	2.3.A, 2.3.D
Model Addition and Subtraction within 1000	2.4.C, 2.4.D	Addition within 100 using Tokens	2.4.D, 2.2.A, 2.2.B
		Addition within 1000 using Tokens	2.4.D, 2.2.A, 2.2.B
		Subtraction within 1000 using Tokens	2.4.D, 2.2.A, 2.2.B
Addition and Subtraction with Measurement	2.9.E		
Time	2.9.G	Time to the Nearest 5 Minutes	2.9.G
		Time to the Minute	2.9.G

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Grade 2



ST Math
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ST Math Objective	TEKS	Puzzle Talks	TEKS
<small>*Log in prior to clicking the linked Puzzle Talk.</small>			
Shapes	2.8.A, 2.8.B, 2.8.C	Naming and Identifying Shapes	2.8.C
		Composing 3D Shapes	2.8.B
Using Money	2.5.A, 2.5.B		
Creating Graphs	2.10.A, 2.10.B, 2.10.D	Bar Graph Bridge	2.10.D, 2.10.A, 2.10.B
Three-Digit Number Words	2.2.B		

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Objective & Puzzle Talk

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Grade 3



ST Math
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ST Math Objective	TEKS*	Puzzle Talks	TEKS
*Log in prior to clicking the linked Puzzle Talk.			
Multiplication Concepts	3.4.E, 3.5.D, 3.4.K	Counting with Equal Groups	3.4.E, 3.5.D, 3.4.K
Division Concepts	3.4.H, 3.5.B, 3.5.D, 3.4.K	Intro to Visual Division	3.4.H, 3.5.D, 3.5.B, 3.4.K
Multiplication and Division Relationships	3.4.E, 3.4.J, 3.4.K, 3.5.D, 3.5.B, 3.4.F	Multiplication and Division Relationships	3.4.E, 3.4.J, 3.5.D, 3.4.K, 3.5.B, 3.4.F
Place Value to 100,000	3.2.C, 3.2.A, 3.2.D, 3.2.B, 3.4.B	Intro to Rounding on the Number Line	3.2.C, 3.4.B, 3.2.D
Addition and Subtraction within 1000 Strategies	3.2.A	Composing Numbers Beyond 1,000	3.2.A
		Decomposing Numbers Beyond 1,000	3.2.A
		Estimating Sums and Differences to the Nearest 10 on the Number Line	3.4.B, 3.2.A, 3.2.C
Multiplication and Area	3.4.K, 3.6.D, 3.6.C	Concepts of Tiling and Area	3.6.D, 3.4.K, 3.6.C
		Area	3.4.K, 3.6.C, 3.6.D
		Area and Multiplication	3.4.K, 3.6.C
Properties of Multiplication	3.4.G, 3.4.D, 3.6.C	Properties of Multiplication	3.4.D, 3.6.C, 3.4.G
Fraction Concepts	3.3.D, 3.3.A, 3.6.E, 3.3.C	Building Non-Unit Fractions	3.3.A
		Building Unit Fractions	3.3.C, 3.3.A
		Building Non-Unit Fractions: Circular Model	3.3.D, 3.3.A

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ST Math Objective	TEKS*	Puzzle Talks	TEKS
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Fractions on the Number Line	3.3.A, 3.3.B, 3.7.A, 3.3.C, 3.3.D	Intro to Fractions on the Number Line	3.3.B, 3.3.A, 3.7.A
		Fractions on the Number Line	3.3.B, 3.3.A, 3.7.A
		Unit Fractions on the Number Line	3.3.B, 3.3.A, 3.7.A, 3.3.D, 3.3.C
Fraction Equivalence and Ordering	3.3.F, 3.3.H, 3.3.A, 3.6.E, 3.3.B, 3.3.C, 3.3.D, 3.3.G	Comparing Two Fractions	3.3.H, 3.3.A
		Building Equivalent Fractions	3.3.D, 3.3.G, 3.3.C, 3.3.F, 3.3.A
		Fraction Equivalence: Halves, Thirds, Fourths	3.3.D, 3.3.G, 3.3.F, 3.3.A, 3.3.C
		Fraction Equivalence: Fourths, Sixths, Eighth	3.3.D, 3.3.G, 3.3.F, 3.3.A, 3.3.C
Area and Perimeter	3.7.B, 3.6.C	Calculating Perimeter	3.7.B
		Build a Given Area and Perimeter	3.6.C, 3.7.B
		Area and Perimeter Together	3.6.C, 3.7.B
Multiplication Facts and Strategies	3.4.E, 3.4.K, 3.4.F	Intro to Symbolic Multiplication	3.4.E, 3.4.K, 3.4.F
Division Facts and Strategies	3.4.K, 3.4.E, 3.4.F, 3.4.H		
Solve Two-Step Problems	3.5.A		
Number Patterns	3.4.I		

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*Log in prior to clicking the linked Puzzle Talk.			
Composing and Decomposing within 1000	3.4.A		
Multiplication as Comparison	3.7.C		
Time to the Minute	3.7.C		
Intervals of Time	3.7.C	Elapsed Time	3.7.C
Mass and Volume	3.4.C		
Shape Attributes	3.6.B, 3.6.A	Shape Attributes: Quadrilaterals	3.6.B, 3.6.A
Scale and Measurement in Graphing	3.8.A, 3.8.B	Interpreting Scale in Data Displays	3.8.A, 3.8.B
Line Plots	3.8.A, 3.8.B	Measurement Dot Plots	3.8.A, 3.8.B

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Scope and Sequence

Grade 4



ST Math
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ST Math Objective	TEKS	Puzzle Talks	TEKS
*Log in prior to clicking the linked Puzzle Talk.			
Generating Patterns	4.5.A	Shape Patterns	4.5.B
		Patterns on the Number Line	4.5.B
Using Place Value	4.2.B, 4.2.A	Exploring Place Value with Expanded Notation	4.2.A 4.2.B
		Exploring Decimal Place Value with Expanded Notation	4.2.B
Rounding Whole Numbers	4.2.D	Rounding Whole Numbers	4.2.D
Comparing Whole Numbers	4.2.C		
Mixed Numbers	4.3.A		
Fractions - Equivalence and Ordering	4.3.C, 4.3.D, 4.3.A	Recognizing Equivalent Fractions	4.3.C 4.3.D
		Generating Equivalent Fractions	4.3.C
		Fraction Comparison	4.3.C 4.3.D
Applying Area and Perimeter	4.5.D, 4.5.C, 4.8.C	Applying Area and Perimeter	4.5.C 4.5.D
Adding and Subtracting Fractions	4.3.E, 4.3.F	Intro to Adding Mixed Numbers on the Number Line	4.3.E
		Intro to Subtracting Mixed Numbers on the Number Line	4.3.E
		Adding and Subtracting Fractions with Equal Denominators	4.3.E
Multi-Step Problems Using 4 Operations	4.4.H	Multiplicative vs Additive Thinking	4.4.H
Lines of Symmetry	4.6.B	Building Symmetric Shapes	4.6.B

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Objective & Puzzle Talk

Scope and Sequence

Grade 4



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ST Math Objective	TEKS	Puzzle Talks	TEKS
*Log in prior to clicking the linked Puzzle Talk.			
		Lines of Symmetry	4.6.B
Fraction and Decimal Equivalence	4.2.E, 4.2.G, 4.3.G, 4.2.H	Decimals in Tenths and Hundredths	4.2.E 4.2.G
		Modeling Decimals	4.2.E 4.2.G
Classifying Shapes	4.6.C		
Addition and Subtraction Algorithm	4.4A		
Multi-Step Addition and Subtraction Problems	4.8C	Solving Length Problems Using the Four Operations	4.8.C
Comparing Decimals	4.2.B, 4.2.H, 4.2.F, 4.2.E, 4.2.G	Decimal Place Value	4.2.A
Lines and Angles	4.6.A, 4.6.C, 4.7.A	Angle Measurements	4.7.E
		Identifying Points	4.6.A
		Measuring Angles with a Protractor	4.7.B 4.7.C
Addition and Subtraction with Decimals	4.4A		
Multi-Digit Multiplication	4.4.B, 4.4.C, 4.4.D, 4.4.H	Multiplying Two Digit by Two Digit	4.4.B 4.4.C 4.4.D
Multi-Digit Division	4.4.F, 4.4.E, 4.4.H	Dividing by a One-Digit Number Visual	4.4.E 4.4.F
Line Plots and Range	4.9.A, 4.9.B	Solving One-Step and Two-Step Problems From a Dot Plot	4.9.A 4.9.B
Measurement and Conversions	4.8.B, 4.8.A	Customary Capacity Conversions	4.8.A

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Grade 4



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	4.8.C		4.8.B 4.8.C
		Metric Length and Mass Conversions	4.8.A 4.8.B 4.8.C

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Grade 5



ST Math
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ST Math Objective	TEKS	Puzzle Talks	TEKS
*Log in prior to clicking the linked Puzzle Talk.			
Decimal Place Value	5.2.A	Decimals to the Thousandths in Expanded Form	5.2.A
Comparing with Decimals	5.2.B		
Interpret Expressions	5.4.F, 5.4.B, 5.4.E	Placing Parentheses	5.4.B 5.4.E 5.4.F
		Writing Expressions	5.4.E 5.4.F
Rounding Decimals	5.2.C		
Patterns and Relationships	5.4.C, 5.4.D	Dueling Patterns on the Number Line	5.4.C
Common Denominators and Equivalent Fractions	5.3.H		
Adding and Subtracting Fractions with Unlike Denominators	5.3.H, 5.3.K	Adding Fractions with Unlike Denominators	5.3.H
		Subtracting Fractions with Unlike Denominators	5.3.H
Prime and Composite Numbers	5.4.A		
Multiplication Algorithm	5.3.B		
Whole Number Division	5.3.C	Division Algorithm - Partial Quotients	5.3.C
Volume	5.6.A, 5.6.B, 5.4.G, 5.4.H	Concepts of Volume	5.6.A 5.6.B
		Tiling to Find Volume	5.6.A 5.6.B
		Calculating Volume	5.4.G

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ST Math Objective	TEKS	Puzzle Talks	TEKS
*Log in prior to clicking the linked Puzzle Talk.			
			5.6.A 5.6.B
		Composite Volume	5.4.G 5.6.A 5.6.B
		Layering to Find Volume	5.4.G 5.6.A 5.6.B
Fraction Multiplication	5.3.I	Intro to Multiplication as Scaling	5.3.I
		Intro to Multiplying Fractions	5.3.I
		Multiplying Whole Numbers and Fractions	5.3.I
		Multiplying Whole Numbers and Fractions: Area Model	5.3.I
Introduction to Fraction Division	5.3.L, 5.3.J	Intro to Dividing with Unit Fractions	5.3.J 5.3.L
		Division with Fractions and Whole Numbers	5.3.J 5.3.L
		Dividing by Unit Fractions	5.3.J 5.3.L
The Coordinate Plane	5.8.A, 5.8.B, 5.8.C	Intro to the Coordinate Plane	5.8.A 5.8.B 5.8.C
		Plotting on the Coordinate Plane	5.8.A 5.8.B 5.8.C
		Labeling on the Coordinate Plane	5.8.A 5.8.B 5.8.C

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ST Math Objective	TEKS	Puzzle Talks	TEKS
*Log in prior to clicking the linked Puzzle Talk.			
Multiplying with Decimals	5.3.D, 5.3.E		
Shapes and Properties	5.5.A		
Dividing with Decimals	5.3.F, 5.3.G		
Converting Measurements	5.7.A		
Using Data and Graphs	5.9A, 5.9C		

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