

# Objective & Puzzle Talk

## Scope and Sequence

### Grade 3



**ST Math**  
Created by MIND Education

ST Math Objective	TEKS*	Puzzle Talks	TEKS
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 to 100,000	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
		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 Circle Model	3.3.D, 3.3.A
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

\* *Italicized indicates partially addressed standards.*

ST Math Objective	TEKS*	Puzzle Talks	TEKS
		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, Eighths	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		
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

ST Math Objective	TEKS*	Puzzle Talks	TEKS
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