

Objective & Puzzle Talk

Scope and Sequence

Grade 5



ST Math
Created by MIND Education

ST Math Objective	TEKS	Puzzle Talks	TEKS
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 Denominator	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

* *Italicized indicates partially addressed standards.*

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			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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Multiplying with Decimals	<i>5.3.D, 5.3.E</i>		
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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