

Objective & Puzzle Talk

Scope and Sequence

Grade 6



ST Math Objective	TEKS	Puzzle Talks	TEKS
Negative Numbers and Absolute Value	6.2B, 6.2C, 6.2D	Integers on the Number Line	6.2B
		Absolute Values and Opposites	6.2B
Coordinates and Distances	6.2B, 6.2C	Graphing in Four Quadrants of the Coordinate Plane	6.11A
		Labeling Ordered Pairs in all Four Quadrants	6.11A
		Rational Numbers and Distances on the Coordinate Plane	6.11A
Addition and Subtraction with Negative Numbers	6.3D	Intro to Negative Numbers	6.3D
Proportional Reasoning	6.4E, 6.5A 6.4C, 6.4H	Puzzle Talk Introduction	6.4C; 6.4E
		Intro to Proportional Relationships	6.4C; 6.4E
		Intro to Ratios	6.4E, 6.5A
		Ratio Tables	6.5A
		Ratio Graphs	6.5A
Percents	6.2C, 6.4E, 6.4F, 6.5B, 6.5C, 6.4G	Fractions, Decimals, and Percentages with Hundredths Squares	6.5C, 6.4E, 6.4F
		Estimating Percents	6.4E, 6.5B
		Benchmark Percents	6.4E, 6.5B
Representing Ratios and Rates	6.4E, 6.5E, 6.4A, 6.4B	Finding Unit Rates	6.4D, 6.4B, 6.5E
Multiplication and Division with Negative Numbers	6.3D		
Properties of Operations (G6)	6.7C, 6.7D	Order of Operations with Positive and Negative Integers	6.7A; 6.3D
Fraction Division	6.3E, 6.4E, 6.2E, 6.4D	Intro to Whole Numbers Divided by Fractions	Supports 6.3E

* *Italicized indicates partially addressed standards.*

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		Dividing by Unit Fractions	Supports 6.3E
Division Algorithm	6.3A, 6.3C, 6.3D		
Solving Equations and Inequalities	6.2C, 6.2D, 6.9A, 6.9B, 6.10A, 6.10B, 6.2B	Intro to Solving One-Step Equations	Supports 6.10A
		Solving One-Step Equations	6.10A
Linear Relationships (G6)	6.4E, 6.6A, 6.6B, 6.6C, 6.4A, 6.4B, 6.4D, 6.5A, 7.4A, 6.10A, 6.10B		
Exponents	6.7A	Intro to Exponents	Supports 6.7A
		Exponents on the Number Line	6.7A
		Prime Factorization	6.7A
Decimal Multiplication	6.3E, 6.3B		
Decimal Division	6.3E		
Area of Polygons	6.8B, 6.8D		
Rectangular Prism Volume	6.8C, 6.8D		
Rectangular Prism Volume	6.8C, 6.8D		
Dot Plot Intro and Histograms	6.12A, 6.12B, 6.13A		
Graphing Proportional Relationships			
Dot Plots and Summary Statistics (G6)	6.12A, 6.12C, 6.12D, 6.13A,		

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