

Elizabethtown Area School District
Scope & Sequence - Quick Reference



Department: Math

Course: 6th Grade Math

Grade Level(s): 6

<i>Unit Title</i>	<i>General Topic(s)</i>	<i>Pacing</i>
1. Number System	• Factors & Multiples • Greatest Common Factor • Least Common Multiple • Distributive Property • Integers • Opposites • Absolute Value • Ordering/Inequalities • Coordinate Plane • Distance on the Coordinate Plane	September/October Unit Test by end of MP1
2. Dividing Fractions	• Improper fractions • Mixed Numbers • Multiplying fractions • Dividing fractions	1 week prior to the start of the next unit
3. Ratios	• Writing ratios • Equivalent ratios • Ratio tables • Unit rates and proportions • How is a percentage created? • Calculating % of a total	November/December Unit Test by Winter Break
4. Expressions	• Exponents • Order of operations (fewer steps, more decimals and fractions)	January / February Unit Test by President's weekend?

	• Translating words to numbers • Matching word problems to numerical expressions (not more than 2-3 steps) • Introduce variables through simple word problems (not more than 2 steps, multiple variables?) • Translating words to numbers (with unknown variables) • Combining like terms + Distributive Property (don't spend too much time) • Order of operations with given variables	
5. Decimal Operations	• Adding decimals • Subtracting decimals • Multiplying decimals	1 week after the Expressions unit test
6. Equations & Inequalities	• Examples of number sentences • Solution sets for variables in equations • Solving one step equations • One step equations connected to word problems • Independent / dependent variables • Vocabulary $\geq$ and $\leq$ • Examples of number sentences with inequality symbols • Solution sets • Graphing • Word problems + keywords • In depth word problems	February / March Unit Test prior to end of MP3

7. Dividing decimals	• Review other decimal operations • Dividing decimals (decimal dividends and divisors)	1 week after the conclusion of the Equations unit
8. Data & Statistics	• Statistical Questions & Data • Measures of Center • Measures of Variability • Visual Data Displays (Dot/Line Plot, Histogram, Box & Whisker Plot) • Analyzing Data & Data Displays	April
9. Geometry	• Area • Surface Area • Nets • Volume	May/June