Bigfork Math Scope and Sequence (6th Grade)

Unit 1 Trimester 1	Unit 2 Trimester 2	Unit 3 Trimester 2 / 3	Unit 4 Trimester 3	Unit 5 Trimester 3	Extension Lessons (Mixed in throughout the year)
Arithmetic Operations	**Ratios, Unit Rates and Percent**	**Rational Numbers**	**Expressions, Equations and Inequalities**	**Statistics**	**Geometry**
~55 Days	~ 40 Days	~ 20 Days	~ 35 Days	~ 20 Days	**Bellwork and IXL**
Apply divisibility rules and divide multi-digit whole numbers.	Write ratios three ways. Identify ratios as part-to-part, part-to-whole and whole-to-part.	Represent integers on a number line and understand opposites and absolute value.	Write and evaluate numerical expressions involving whole-number exponents.	Find the measures of central tendency (mean, median and mode), range, interquartile range and outliers for a data set.	Find the area of parallelograms, triangles and trapezoids.
Add, subtract, multiply and divide with decimals.	Find unit rates and use unit rates to make predictions.	Compare and order integers and rational numbers.	Write, read and evaluate expressions in which letters stand for numbers.	Collect data from a statistical question and represent the data with dot plots, histograms and box plots.	Find the area of regular polygons.
Identify numbers as prime, composite, even, odd or square.	Complete tables of equivalent / proportional relationships.	Graph and identify ordered pairs in all four quadrants.	Apply the Distributive Property when variables are involved.		Find surface area and volume of prisms and pyramids.
Find the GCF and LCM of two or more numbers.	Graph proportional relationships on the coordinate plane.	Reflect a point in the coordinate plane across the x-axis or y-axis	Identify and produce equivalent algebraic expressions.		
Use the Distributive Property to write equivalent expressions.	Use ratios as conversion factors when working with measurements of different units within the same system of measurement.	Find the distance between two horizontal or vertical points on the coordinate plane.	Solve one-step equations involving all four operations.		
Depict fraction division with a visual fraction model.	Convert between fractions, decimals and percents.		Solve and graph one-step inequalities.		
Compute quotients of fractions including mixed numbers.	Solve percent problems and be able to find the whole, part or percent.		Identify independent and dependent variables on a graph and in a story problem.		

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