Bigfork Math Scope and Sequence (7th Accelerated)

Unit 1 Trimester 1	Unit 2 Trimester 1/2	Unit 3 Trimester 2/3	Unit 4 Trimester 3	Unit 5 Trimester 3
Rational Numbers	**Ratios and Proportional Reasoning**	**Expressions / Equations / Inequalities**	**Geometry**	**Statistics and probability**
~ 45 Days	~ 45 Days	~ 40 Days	~ 20 Days	~ 25 Days
Add and subtract positive and negative whole numbers, decimals and fractions.	Find unit rates involving complex fractions.	Simplify expressions by combining like terms and using the Distributive Property.	Find the area and circumference of a circle.	Understand terms such as population, sample, and bias. Create a statistical question and gather a random sample.
Multiply and divide positive and negative whole numbers, decimals and fractions.	Determine proportional relationships from tables, graphs, equations and real-world situations.	Determine if two linear expressions are equivalent and write expressions representing real-world situations.	Find the area of composite figures.	Collect, organize and visually represent data in a variety of ways: stem-and-leaf plot, box-and-whisker plot, histogram and line plot.
Solve real-world problems involving all operations with rational numbers.	Solve problems using percent (% of change, discounts, tax, tips, markups, and simple interest).	Write and solve two-step equations.	Find the volume and surface area of prisms and pyramids.	Calculate mean, median, mode and range for a data set. Identify which measure of central tendency is most useful in a specific context.
		Write, solve and graph two-step inequalities.		Create an experiment with equally likely outcomes. Produce a sample space showing all outcomes.
				Collect and record data from experiments and calculate the difference between the theoretical and experimental probability of simple events.