6th GL Math
2022-23 Year at a Glance (YAG)

First Semester		Second Semester	
1st Nine Weeks – 41 days (August 15th – October 12th) *(September 5th – No School)* *(October 10th – No School)*		**3rd Nine Weeks – 47 days** (January 3rd – March 10th) *(January 18th – No School)* *(February 20th – PD Day)* *(March 13th – 17th – Spring Break)* *(March 20th – Teacher Workday)*	
TEKS	**Unit 01: Equivalent Forms of Fractions, Decimals, and Percents (10 Days)**	**TEKS**	**Unit 08: Algebraic Representations of Two-Variable Relationships (12 Days)**
6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.4E, 6.4F, **6.4G**, **6.5B**, 6.5C	Students will represent and generate equivalent forms of fractions, decimals, and percents as well as solve real-world problems involving fractions, decimals, and percents.	6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.4A, **6.6A**, **6.6B**, **6.6C**, **6.11A**	Students will examine two-variable algebraic relationships, including additive and multiplicative relationships, in the form of verbal descriptions, tables, graphs and equations in the form $y = kx$ or $y = x + b$.
6.1A, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.2A, 6.2C, **6.2D**, **6.4G**	**Unit 02: Ordering Fractions, Decimals, and Integers (5 Days)** Students will examine sets and subsets of numbers, generate equivalent forms of rational numbers, and compare and order rational numbers and integers.	6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, **6.4H**, 6.8A, 6.8B, 6.8C, **6.8D**	**Unit 09: Geometry and Measurement (13 Days)** Students will convert units of measure as well as model, write, and solve equations with problems involving the area of triangles, rectangles, parallelograms, and trapezoids, and the volume of rectangular prisms.
6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.2E, 6.3A, 6.3B, **6.3E** \	**Unit 03: Operations with Positive Fractions and Decimals (10 Days)** Students will perform mathematical operations with positive rational numbers, specifically focusing on the relationships between multiplication and division of positive rational numbers.	6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.12A, 6.12B, **6.12C**, **6.12D**, **6.13A**, 6.13B	**Unit 10: Data Analysis (20 Days)** Students will analyze data, including representing, interpreting, and describing data distributions, summarizing numeric and categorical data, and distinguishing between situations that yield data with and without variability.
6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.2B, 6.3C, **6.3D**	**Unit 04: Operations with Integers (10 Days)** Students will identify a number, its opposite, and its absolute value and represent and model integer operations fluently, including standardized algorithms. All units emphasized the understanding of integers and rational numbers, while also being able to convert numbers to equivalent forms and order them.		All units focused on converting units of measure while analyzing and creating equations, data distributions, categorical data, and data variability.
2nd Nine Weeks – 42 days (October 13th – December 16st) *(November 21st – 25th – Thanksgiving Break)* *(December 19th – January 1st – Holiday Break)* *(January 2nd – Teacher Workday)*		**4th Nine Weeks – 45 days** (March 21st – May 24th) *(April 7th – No School)* (*April 28th – No School)*	

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TEKS		**TEKS**	**Unit 10: Data Analysis (continued- 20 Days)**
6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, **6.4B**, 6.4C, 6.4D, 6.4E, **6.4G**, **6.4H**, 6.5A, **6.5B**	**Unit 05: Proportional Reasoning with Ratios and Rates (15 Days)** Students will represent and solve problems with ratios and rates, including those involving percentages and converting units within a measurement system using proportions and unit rates.	6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.12A, 6.12B, **6.12C**, **6.12D**, **6.13A**, 6.13B	Students will analyze data, including representing, interpreting, and describing data distributions, summarizing numeric and categorical data, and distinguishing between situations that yield data with and without variability.
6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, **6.7A**, 6.7B, 6.7C, **6.7D**, 6.9A, 6.9B, 6.9C, 6.10A, 6.10B	**Unit 06: Equivalent Expressions and One-Variable Equations (13 Days)** Students will generate equivalent numerical expressions as well as model, write, solve, and represent solutions for one-variable, one-step equations.	6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, **6.14A**, 6.14B, 6.14C, 6.14D, 6.14E, 6.14F, 6.14G, 6.14H	**Unit 11: Personal Financial Literacy (9 Days)** Students will examine financial literacy, including checking accounts, credit cards, and debit cards, credit reports and credit history, methods to pay for college, and salaries for various occupations.
6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.9A, 6.9B, 6.9C, 6.10A, 6.10B	**Unit 07: One-Variable Inequalities (12 Days)** Students will model, write, solve, and represent solutions for one-variable, one-step inequalities. All units emphasized the understanding of ratios, rates and proportions, while also being able to analyze word problems to write, create and solve one-step equations and inequalities.	6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, **6.4B**, 6.4G, **6.4H**, 6.5A, 6.5B	**Unit 12: Essential Understandings of Proportionality (10 Days)** Students will represent and solve problems with ratios and rates, including those involving percentages and converting units within a measurement system using proportions and unit rates. All units focused on analyzing and creating data distributions, categorical data, and data variability, while examining financial literacy and different ways to pay for college.