



# 2021 - 2022 Math 6th Year at a Glance (YAG)



## First Semester

1st Nine Weeks - 42 Days (August 16 <sup>th</sup> – October 13 <sup>th</sup> ) <i>(September 6<sup>th</sup> – Labor day – No School)</i> <i>(October 11<sup>th</sup> – Staff Development)</i>		2nd Nine Weeks - 43 Days (October 14 <sup>th</sup> – December 1 <sup>th</sup> ) <i>(November 22<sup>nd</sup> – 26<sup>th</sup> – Thanksgiving Break)</i> <i>(December 20<sup>th</sup> – December 31<sup>st</sup> – Holiday Break)</i>	
<p><b>TEKS</b> 6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.4E, 6.4F, 6.4G, 6.5B, 6.5C</p> <p>6.1A, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.2A, 6.2C, 6.2D, 6.4G</p> <p>6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.2E, 6.3A, 6.3B, 6.3E</p> <p>6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.2B, 6.3C, 6.3D</p>	<p><b>Unit 01: Equivalent Forms of Fractions, Decimals, and Percents</b> This unit bundles student expectations that address representing and generating equivalent forms of fractions, decimals, and percents as well as solving real-world problems involving fractions, decimals, and percents.</p> <p><b>Unit 02: Ordering Fractions, Decimals, and Integers</b> This unit bundles student expectations that address sets and subsets of numbers, generating equivalent forms of rational numbers, and comparing and ordering rational numbers and integers.</p> <p><b>Unit 03: Operations with Positive Fractions and Decimals</b> This unit bundles student expectations that address operations with positive rational numbers, specifically focusing on the relationships between multiplication and division of positive rational numbers.</p> <p><b>Unit 04: Operations with Integers</b> This unit bundles student expectations that address identifying a number, its opposite, and its absolute value and representing and modeling integer operations fluently, including standardized algorithms.</p>	<p><b>TEKS</b> 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</p> <p>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</p> <p>6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.9A, 6.9B, 6.9C, 6.10A, 6.10B</p>	<p><b>Unit 05: Proportional Reasoning with Ratios and Rates</b> This unit bundles student expectations that address representing and solving problems with ratios and rates, including those involving percentages and converting units within a measurement system using proportions and unit rates.</p> <p><b>Unit 06: Equivalent Expressions and One-Variable Equations</b> This unit bundles student expectations that address generating equivalent numerical expressions as well as modeling, writing, solving, and representing solutions for one-variable, one-step equations.</p> <p><b>Unit 07: One-Variable Inequalities</b> This unit bundles student expectations that address modeling, writing, solving, and representing solutions for one-variable, one-step inequalities.</p>

## Second Semester

3rd Nine Weeks - 44 Days (January 3 <sup>rd</sup> – March 4 <sup>th</sup> ) <i>(January 17<sup>th</sup> – MLK – No School)</i> <i>(March 7<sup>th</sup> – 11<sup>th</sup> – Spring Break)</i>		4th Nine Weeks - 51 Days (March 14 <sup>th</sup> – May 25 <sup>th</sup> ) <i>(April 8<sup>th</sup> – Good Friday – No School)</i> <i>(April 15<sup>th</sup> – Battle of Flowers – No School)</i>	
<p><b>TEKS</b> 6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.4A, 6.6A, 6.6B, 6.6C, 6.11A</p> <p>6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.4H, 6.8A, 6.8B, 6.8C, 6.8D</p> <p>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</p>	<p><b>Unit 08: Algebraic Representations of Two-Variable Relationships</b> This unit bundles student expectations that address two-variable algebraic relationships, including additive and multiplicative relationships, in the form of verbal descriptions, tables, graphs and equations in the form <math>y = kx</math> or <math>y = x + b</math>.</p> <p><b>Unit 09: Geometry and Measurement</b> This unit bundles student expectations that address converting units of measure as well as modeling, writing, and solving equations to solve problems involving the area of triangles, rectangles, parallelograms, and trapezoids, and the volume of rectangular prisms.</p> <p><b>Unit 10: Data Analysis</b> This unit bundles student expectations that address data analysis, including representing, interpreting, and describing data distributions, summarizing numeric and categorical data, and distinguishing between situations that yield data with and without variability.</p>	<p><b>TEKS</b> 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</p> <p>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</p> <p>6.1A, 6.1B, 6.1C, 6.1D, 6.1E, 6.1F, 6.1G, 6.4B, 6.4G, 6.4H, 6.5A, 6.5B</p>	<p><b>Unit 10: Data Analysis</b> This unit bundles student expectations that address data analysis, including representing, interpreting, and describing data distributions, summarizing numeric and categorical data, and distinguishing between situations that yield data with and without variability.</p> <p><b>Unit 11: Personal Financial Literacy</b> This unit bundles student expectations that address 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.</p> <p><b>Unit 12: Essential Understanding of Proportionality</b> This unit bundles student expectations that address representing and solving problems with ratios and rates, including those involving percentages and converting units within a measurement system using proportions and unit rates.</p>