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| **Quarter 1** | **Quarter 2** | **Quarter 3** | **Quarter 4** |
| |  |  | | --- | --- | | **Unit 1** | **Unit 2** | | Number System Fluency  July 31 – Sept 8 | Rate, Ratio & Proportional Reasoning | | MGSE6.NS.2  (Divide multi-digit numbers)  MGSE6.NS.3  (Fluently compute multi-digit decimals)  MGSE6.NS.4  (GCF & LCM)  MGSE6.NS.1  (Division of fractions) | MGSE6.RP.1  (Understand ratio & rate)  MGSE6.RP.2  (Unit rates)  MGSE6.RP.3  (Solve real-world problems with ratio & rate)  MGSE6.RP.3a  (Equivalent ratios with tables w/quadrant 1 )  MGSE6.RP.3d  (Convert measurements)  MGSE6.RP.3b  (Solve unit rate problems)  MGSE6.RP.3c  (Percent of a quantity) | | |  |  | | --- | --- | | **Unit 3** | Unit 4 | | Rational Explorations | Expressions | | MGSE6.NS.5  (Positive/negatives)  MGSE6.NS.6  (Rational on a number line)  MGSE6.NS.6a  (Opposites)  MGSE6.NS.6b  (Coordinate plane)  MGSE6.NS.6c  (Number lines)  MGSE6.NS.7a  (Inequality)  MGSE6.NS.7  (Order & absolute value)  MGSE6.NS.7b  (Order)  MGSE6.NS.7c  (Absolute value)  MGSE6.NS.7d  (Order & absolute value)  MGSE6.NS.8  (Distances on a coordinate plane) | MGSE6.EE.2b  (Identify parts of an expression)  MGSE6.EE.1  (Expressions with whole number exponents)  MGSE6.EE.2  (Expressions with variables)  MGSE6.EE.2a  (Expressions with numbers & variables)  MGSE6.EE.2c  (Order of operations & substitution)  MGSE6.EE.4  (Identify equivalent expressions)  MGSE6.NS.4  (GCF & LCM-Distributive property)  MGSE6.EE.3  (Equivalent expressions) | | |  |  | | --- | --- | | **Unit 5** | **Unit 6** | | |  | | --- | | 1-Step Equations & Inequalities | | |  | | --- | | Statistics | | | MGSE6.EE.5  (Understand solving-true statements)  MGSE6.EE.6  (Using variables)  MGSE6.EE.7  (Solve by writing equations)  MGSE6.EE.9  (Dependent & independent variables)  MGSE6.EE.8  (Write inequalities)  MGSE6.RP.3  (Solve real-world problems with ratio & rate)  MGSE6.RP.3a  (Equivalent ratios with tables)  MGSE6.RP.3b  (Solve unit rate problems)  MGSE6.RP.3c  (Percent of a quantity)  MGSE6.RP.3d  (Convert measurements) | MGSE6.SP.1  (Statistical questions)  MGSE6.SP.2  (Distribution)  MGSE6.SP.3  (Measures of center & variation)  MGSE6.SP.4  (Dot plots, histograms and box plots)  MGSE6.SP.5  (Summarize numerical data) | | |  |  | | --- | --- | | Unit 7 | Unit 8 | | Area & Volume | Review and Extend | | |  | | --- | | **MGSE6.G.1**  (Area of triangles, quadrilaterals & polygons)  **MGSE6.G.2**  (Volume of rectangular prisms with fractional edges)  **MGSE6.G.4**  (3D nets & Surface Area with faces of rectangles and triangles) | | Review: All standards by differentiating for student needs  Extend:  MGSE7.EE.4a  (Solve 2-step equations)  MGSE7.NS.1a  (Additive inverses)  MGSE7.NS.1b  ( p+q as a distance )  MGSE7.NS.1  (Add & subtract rational) | |

Griffin 6th Grade Math Framework