

Gr 6	Quarter 1	Quarter 2	Quarter 3	Quarter 4
	<p>Unit 1: Data Display and Number Systems</p> <ul style="list-style-type: none"> Understanding of statistical variability (6.SP.1, 6.SP.2, 6.SP.3) Summarize and describe distributions (6.SP.4, 6.SP.5b, 6.SP.5c) Apply and extend previous understanding of numbers to the system of rational numbers (6.NS.5, 6.NS.6c) <p>Unit 2: Fraction Operations and Ratios</p> <ul style="list-style-type: none"> Divide fractions by fractions; find the greatest common factor and least common multiple (6.NS.1, 6.NS.4) Solve one-variable equations and inequalities (6.EE.3, 6.EE.5) Use ratio to solve problems (6.RP.1, 6.RP.3, 6.RP.3a) 	<p>Unit 3: Decimal Operations and Percent</p> <ul style="list-style-type: none"> Add, subtract, multiply, and divide multi-digit decimals using the standard algorithm (6.NS.3) Use ratio to solve problems; find percent (6.RP.1, 6.RP.3, 6.RP.3c) Describe distributions; find the interquartile range for a box plot (6.SP.5c) <p>Unit 4: Algebraic Expressions and Equations</p> <ul style="list-style-type: none"> Extend previous understanding of arithmetic to algebraic expressions. Solve one-variable equations and inequalities (6.EE.1, 6.EE.1, 6.EE.1, 6.EE.1, 6.G.1) Inequalities: Apply and extend previous understanding of numbers to the system of rational numbers (6.NS.5, 6.NS.7, 6.NS.8, 6.EE.8) Absolute Value: Ordering and absolute value of rational numbers (6.NS.7, 6.SP.3, 6.SP.5) 	<p>Unit 5: Area and Volume</p> <ul style="list-style-type: none"> Decompose parallelograms, triangles, and other polygons to find area (6.G.1) Represent 3-D prisms with nets and use the nets to find surface area (6.G.4) Solve problems involving finding volumes of right rectangular prisms (6.G.2, 6.G.4) <p>Unit 6: Equivalent Expressions and Solving Equations</p> <ul style="list-style-type: none"> Equivalent Expressions (6.EE.2, 6.EE.2b, 6.EE.3, 6.EE.4, 6.EE.7, 6.NS.4) Solving Equations (6.EE.1, 6.EE.5, 6.EE.6, 6.EE.7) 	<p>Unit 7: Variable and Algebraic Relationships</p> <ul style="list-style-type: none"> Inequalities (6.G.2, 6.EE.5, 6.EE.8) Equations, Tables, and Graphs (6.EE.5, 6.EE.6, 6.EE.7, 6.EE.9, 6.NS.8) Change with Independent and Dependent Variables (6.NS.8, 6.EE.7, 6.EE.9, 6.RP.3) <p>Unit 8: Applications: Ratios, Expressions, and Equations</p> <ul style="list-style-type: none"> Unit 8 is integrated throughout the year as Extended Learning Opportunities (ELOs)
	<p>High Priority Mathematical Practices:</p> <ol style="list-style-type: none"> Reason abstractly and quantitatively. (unit 1) Construct viable arguments and critique the reasoning of others. (unit 1) Model with mathematics. (unit 2) Look for and make use of structure. (unit 2) 	<p>High Priority Mathematical Practices:</p> <ol style="list-style-type: none"> Make sense of problems and persevere in solving them. (unit 3) Reason abstractly and quantitatively. (unit 3) Look for and make use of structure. (unit 4) Look for and express regularity in repeated reasoning. (unit 4) 	<p>High Priority Mathematical Practices:</p> <ol style="list-style-type: none"> Make sense of problems and persevere in solving them. (unit 6) Construct viable arguments and critique the reasoning of others. (unit 6) Model with mathematics. (unit 5) Attend to precision. (unit 5) Look for and express regularity in repeated reasoning. (unit 6) 	<p>High Priority Mathematical Practices:</p> <ol style="list-style-type: none"> Reason abstractly and quantitatively. (unit 8) Use appropriate tools strategically (unit 7) Attend to precision. (unit 7, unit 8)