

# Major Work of the Grade

Sixth Grade	
Major Clusters	Supporting/Additional Clusters
<p><b>Ratios and Proportional Relationships</b></p> <ul style="list-style-type: none"><li>• Understand ratio concepts and use ratio reasoning to solve problems.</li></ul> <p><b>The Number System</b></p> <ul style="list-style-type: none"><li>• Apply and extend previous understandings of multiplication and division to divide fractions by fractions.</li></ul> <p><b>Expressions and Equations</b></p> <ul style="list-style-type: none"><li>• Apply and extend previous understandings of arithmetic to algebraic expressions.</li><li>• Reason about and solve one-variable equations and inequalities.</li><li>• Represent and analyze quantitative relationships between dependent and independent variables.</li></ul>	<p><b>The Number System</b></p> <ul style="list-style-type: none"><li>• Compute fluently with multi-digit numbers and find common factors and multiples.</li><li>• Apply and extend previous understandings of numbers to the system of rational numbers</li></ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"><li>• Solve real-world and mathematical problems involving area, surface area, and volume.</li></ul> <p><b>Statistics and Probability</b></p> <ul style="list-style-type: none"><li>• Develop understanding of statistical variability.</li><li>• Summarize and describe distributions.</li></ul>