

Grade 6

Major	Supporting	Additional
<p>Ratios and Proportional Relationships</p> <ul style="list-style-type: none"> ■ Understand ratio concepts and use ratio reasoning to solve problems. <p>The Number System</p> <ul style="list-style-type: none"> ■ Apply and extend previous understandings of numbers to the system of rational numbers. ■ Apply and extend previous understandings of multiplication and division to divide fractions by fractions. <p>Expressions and Equations</p> <ul style="list-style-type: none"> ■ Apply and extend previous understandings of arithmetic to algebraic expressions. ■ Reason about and solve one-variable equations and inequalities. ■ Represent and analyze quantitative relationships between dependent and independent variables. 	<p>Geometry</p> <ul style="list-style-type: none"> □ Solve real-world and mathematical problems involving area, surface area, and volume.⁷ 	<p>Statistics and Probability</p> <ul style="list-style-type: none"> ○ Develop understanding of statistical variability. ○ Summarize and describe distributions. <p>The Number System</p> <ul style="list-style-type: none"> ○ Compute fluently with multi-digit numbers and find common factors and multiples.

Depth Opportunities:

RP 3; NS 1; NS 8; EE 3, 7

⁷ In this cluster, students work on problems with areas of triangles and volumes of right rectangular prisms, which connects to work in the Expressions and Equations domain. In addition, another standard within this cluster asks students to draw polygons in the coordinate plane, which supports work with the coordinate plane in the Number System domain.