Symbolic Expression Students will reason abstractly and manipulate symbolic expressions to represent relationships and interpret expressions and equations in terms of a given context for determining an unknown value.

Numbers & Number Systems Students will expand their understanding of number systems thinking flexibly and attending to precision and reasonableness when solving problems using rational and irrational numbers.

Reasoning & Computational Strategies Students will expand the use of computational strategies, algorithms, and proportional reasoning to rational and irrational numbers.

Metacognitive Skills & Communication Students will use reasoning and metacognitive skills through making conjectures, justifying, and effectively communicating mathematical solutions and arguments.

Measurement Students will strategically use tools and apply proportional reasoning and precision to solve measurement problems in pure/theoretical and authentic applied contexts.

Algebraic Patterns, Functions, & Relations Students will make use of structure to describe and compare situations that involve proportionality, change, or patterns and use the information to make conjectures and justify conclusions/solutions.

Geometry Students will solve problems involving reasoning using properties of 2- and 3-dimensional shapes to analyze, represent, and model geometric relationships in pure/theoretical and authentic applied contexts.

Data Analysis, Probability, & Statistics Students will design investigations and conduct probability experiments involving populations