2016 Content Emphasis
Eighth Grade

Eighth Grade Major and Supporting Content Emphasis
Course content indicated by: ☐ major content; ▲ supporting content.

The Number System (NS)
- Understand that there are irrational numbers, and approximate them using rational numbers.

Expressions and Equations (EE)
- Work with radicals and integer exponents.
- Understand the connections between proportional relationships, lines, and linear equations.
- Analyze and solve linear equations and pairs of simultaneous linear equations.

Functions (F)
- Define, evaluate, and compare functions.
- Use functions to model relationships between quantities.

Geometry (G)
- Understand congruence and similarity.
- Understand and apply the Pythagorean Theorem.
- Solve real-world and mathematical problems involving volume of cylinders, cones and spheres.

Statistics and Probability (SP)
- Investigate patterns of association in bivariate data.
- Investigate chance processes and develop, use, and evaluate probability models.