



Arizona Mathematics Standards

2016 Content Emphasis

Seventh Grade

Seventh Grade Major and Supporting Content Emphasis

Course content indicated by: ● major content; ▲ supporting content.

Ratio and Proportion (RP)

- Analyze proportional relationships and use them to solve mathematical problems and problems in real-world context.

The Number System (NS)

- Apply and extend previous understanding of operations with fractions to add, subtract, multiply, and divide rational numbers except division by zero.

Expressions and Equations (EE)

- Use properties of operations to generate equivalent expressions.
- Solve mathematical problems and problems in real-world context using numerical and algebraic expressions and equations.

Geometry (G)

- ▲ Draw, construct and describe geometrical figures and describe the relationships between them.
- ▲ Solve mathematical problems and problems in real-world context involving angle measure, area, surface area, and volume.

Statistics and Probability (SP)

- ▲ Use random sampling to draw inferences about a population.
- ▲ Draw informal comparative inferences about two populations.
- ▲ Investigate chance processes and develop, use, and evaluate probability needs.