



Arizona Mathematics Standards

2016 Content Emphasis

Sixth Grade

Sixth Grade Major and Supporting Content Emphasis

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

Ratio and Proportion (RP)

- Understand ratio concepts and use ratio reasoning to solve problems.

The Number System (NS)

- Apply and extend previous understandings of multiplication and division to divide fractions by fractions.
- Compute fluently with multi-digit numbers and find common factors and multiples.
- Apply and extend previous understanding of numbers to the system of rational numbers. (Note: Limit negative rational numbers to integers and fractions with denominators of 2, 3, 4, 5, 10.)

Expressions and Equations (EE)

- 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.

Geometry (G)

- ▲ Solve mathematical problems and problems in real-world context involving area, surface area, and volume.

Statistics and Probability (SP)

- ▲ Develop understanding of statistical variability.
- ▲ Summarize and describe distributions.