Mathematics
Sixth Grade
4th Nine Weeks

This academic overview can be used to monitor and support your child's at-home learning progress

Unit 9: Triangles, Area, and Volume

Student Learning Targets
- I can solve problems involving the area of rectangles, parallelograms, or trapezoids.
- I can solve problems involving the area of triangles.
- I can solve problems involving the volume of rectangular prisms.

Questions to Check for Unit Understanding
- How are the area formulas for a rectangle and parallelogram related?
- How do you define the volume of a figure?

Unit 10: Data Sets and Distribution

Student Learning Targets
- I can find the mean, median, and mode of a set of numerical data.
- I can find the interquartile range of a set of numerical data.
- I can describe the center, spread, and shape of a data distribution using numerical summaries.
- I can interpret numeric data summarized in dot plots or stem-and-leaf plots.
- I can interpret numeric data summarized in histograms.
- I can interpret numeric data summarized in box plots.

Questions to Check for Unit Understanding
- What is the difference between the mean and median of a data set?
- What does the interquartile range of a data set represent?

Unit 11: Rational Number Operations

Student Learning Targets
- I can solve problems involving operations with rational numbers.

Questions to Check for Unit Understanding
- How can you check your work when solving problems involving operations with rational numbers?

Key Academic Vocabulary
- Rational number: A rational number is a fraction or the opposite of a fraction.