



# Mathematics

## Seventh Grade

### 2nd Nine Weeks



This academic overview can be used to monitor and support your child's at

-home learning progress

### Unit 3: Rational Numbers and Operations

#### Student Learning Targets

- I can add, subtract, multiply, and divide rational numbers fluently.
- I can solve multi-step problems involving rational numbers.

#### Questions to Check for Unit Understanding

- How can I solve problems involving different representations of rational numbers?
- How can I use rational number operations to solve problems?

#### Key Academic Vocabulary

- Rational Numbers: any number that can be written as a fraction or the opposite of a fraction.

### Unit 4: Equations and Inequalities

#### Student Learning Targets

- I can solve one-variable, two-step equations.
- I can solve one-variable, two-step inequalities and represent the solution on a number line.
- I can write an equation or inequality given a verbal situation.

#### Questions to Check for Unit Understanding

- What are the steps to solving equations and inequalities?
- How can I represent a solution to an inequality on a number line?
- How can I find important information to write an equation or inequality from a verbal situation?

#### Key Academic Vocabulary

- Two-step equation: an algebraic equation that takes two steps to solve
- Inequality: a comparison between two quantities that is not always equal

### Unit 5: Linear Relationships

#### Student Learning Targets

- I can represent linear relationships with multiple representations in mathematical and real-world problems.

#### Questions to Check for Unit Understanding

- How can you represent linear relationships in a variety of ways?

#### Key Academic Vocabulary

- Linear relationships: a relationship that, when drawn on a graph, is represented as a straight line