



# Mathematics

## Seventh Grade

### 4th Nine Weeks



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

#### Unit 9: Representing Data

##### Student Learning Targets

- I can solve problems using a bar graph.
- I can solve problems using a circle graph.
- I can solve problems that involve the proportional relationships found in graphed data, including part-to-part and part-to-whole relationships.

##### Questions to Check for Unit Understanding

- What information can you tell from a bar graph?
- What information can you tell from a circle graph?

#### Unit 10: Personal Financial Literacy

##### Student Learning Targets

- I can calculate sales tax when given the percentage tax rate and price.
- I can calculate the amount of simple interest when given a loan or savings amount.
- I can calculate the amount of compounded interest when given a loan or savings amount and time period.

##### Questions to Check for Unit Understanding

- What are the steps involved in calculating sales tax when given a tax rate and price?
- What is the difference between simple and compound interest?

#### Unit 11: Solving Equations

##### Student Learning Targets

- I can represent a word problem with an equation
- I can represent a word problem with an inequality
- I can represent a model with an equation
- I can write and solve an equation from a real-world situation

##### Questions to Check for Unit Understanding

- What are some key words or phrases that tell you the word problem should be represented with an inequality instead of an equation?
- What are some basic steps to solving an equation?