Mathematics
First Grade
4th Nine Weeks

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

Unit 9/10: Fractions and TIme to the Hour and Half-Hour
Student Learning Targets
- I can partition a shape into halves/fourths and describe it using words.
- I can identify examples and non-examples of fractions.
- I can tell time to the hour/half-hour
- I can show time to the hour/half-hour

Questions to Check for Unit Understanding
- How do I partition a shape into halves and fourths and then describe it?
- How do I know if I have "fair shares" of something?
- Why is telling time important to my day-to-day life?
- How can I compare the duration of two events?

Key Academic Vocabulary
- fraction: a number that represents part of a whole and is not a whole number
- half: the name of the parts when you divide something into two equal groups/portions
- fourth: the name of the parts when you divide something into four equal parts
- minute: a duration of time that is part of an hour and composed of 60 seconds.
- hour: a duration of time equal to 60 minutes; a half-hour is half of that time, equivalent to 30 minutes.

Unit 11: Relating Numbers to Money
Student Learning Targets
- I can identify and describe coins, including their worth (including pennies, nickels, dimes and quarters).
- I can figure out how much a collection of coins is worth (composed of pennies, nickels and/or dimes).
- I can describe relationships between coins (including pennies, nickels, dimes and quarters).

Questions to Check for Unit Understanding
- How do we use money?
- How do I accurately count and nume a collection of coins?
- How can I compare to sets of coins?

Key Academic Vocabulary
- penny: a coin with a value of one cent
- nickel: a coin with a value of five cents
- dime: a coin with a value of ten cents
- quarter: a coin with a value of twenty-five cents.

Unit 12/13: Connections to Numbers and Personal Finance and Literacy
Student Learning Targets
- I can generate and solve a problem and then talk about how I solved the problem.
- I can add and subtract numbers in different ways to find the missing number in an equation.
- I can explain the difference between wants and needs.
- I can explain different ways to earn money.

Questions to Check for Unit Understanding
- Why is it important to know multiple strategies in solving addition and subtraction problems.
- How does the context of a story determine the structure of a word problem and how a person can solve it?
- What is the difference between wants and needs?
- How does a person earn money?

Key Academic Vocabulary
- problem solving: the process of finding a solution to a problem
- equation: a statement that the values of two mathematical expressions are equal.
- wants and needs: the difference between something that is essential or required, rather than just desirable