

# FOURTH GRADE

Below are the Mastery Learning Targets, or priorities for all fourth grade students to be successful when they advance to fifth grade. **Mastery** (M) of these skills means the student has met the grade-level standard and is independently performing on grade level. Mastery may take time to reach, as foundational skills progress throughout the school year.

## READING

- Decodes unfamiliar multisyllabic words.
- Reads and understands grade level text with ease, self-correcting as needed.
- Analyzes the theme of a text using evidence.
- Describes and analyzes story elements (characters, setting, and events).
- Analyzes central ideas and cites supporting evidence.
- Determines the meaning of vocabulary and how those words shape the meaning of the text.
- Explains how an author supports claims with reasons and evidence.
- Compares and contrasts two texts on the same topic.
- Writes a clear and organized introduction for an opinion piece.
- Provides reasons, facts, and details to support their writing in opinion pieces.
- Composes a concluding paragraph for an opinion piece.
- Produces complete sentences, recognizing and correcting fragments and run-ons.
- Determines the meaning of unknown and multiple meaning words using context clues, prefixes, suffixes, and root words.

## MATH

- Solves multi-step word problems with a letter for the unknown.
- Identifies factor pairs and multiples of numbers.
- Identifies a number as prime or composite.
- Recognizes place value of multi-digit whole numbers.
- Compares multi-digit numbers using  $>$ ,  $=$ , and  $<$  symbols.
- Fluently adds multi-digit whole numbers using an algorithm.
- Fluently subtracts multi-digit whole numbers using an algorithm.
- Multiplies up to a four-digit by one-digit number using a place value strategy.
- Multiplies a two-digit by two-digit number using a place value strategy.
- Divides up to a four-digit number by a one-digit number using a place value strategy.
- Compares fractions using  $<$ ,  $=$ , and  $>$ .
- Solves word problems involving addition of mixed numbers.
- Solves word problems involving subtraction of mixed numbers.
- Solves word problems involving multiplying of fractions by whole numbers.
- Finds unknown angles using addition and subtraction.

## **SOCIAL STUDIES**

- Asks challenging questions about migration and settlement.
- Asks supporting questions about migration and settlement.
- Uses evidence from multiple sources to answer challenging questions.
- Determines primary sources are first hand accounts and secondary sources provide second hand information.
- Develops claims to answer challenging questions.
- Explains causes and effects of migration and settlement.
- Constructs an argument about challenges and opportunities people face when transitioning to a new community.
- Describes different ways to address issues of migration and settlement.
- Determines ways to support people transitioning to a new community.

## **SCIENCE**

- Constructs and explains the relationship between the speed of an object to the energy of the object.
- Identifies evidence that energy can be transferred.
- Asks questions and predicts outcomes about changes in energy when objects collide.
- Creates a model of waves to show patterns in amplitude and frequency.
- Develops a model to describe how light reflecting from objects and entering the eye allows objects to be seen.
- Generates and compares solutions that show patterns can be used to transfer information.
- Explains that plants have internal and external structures that help them survive.
- Explains that animals have internal and external structures that help them survive.
- Describes that animals process information from their senses and respond in different ways.
- Identifies patterns in rocks to explain changes in landscapes.
- Observes and measures effects of weathering, erosion, and deposition.
- Analyzes data from maps to describe patterns of Earth's features.
- Describes how fuel resources are acquired and how they affect the environment.
- Generates and compares solutions to human's effect on natural processes.