FOURTH GRADE

Below are the priorities for all fourth grade students to be successful when they leave fourth grade. Some of these concepts should be mastered by mid year. Others by the end of the year. Being successful with these concepts will allow your child to be successful in future grades as all future learning builds on current learning.

READING AND WRITING:

- 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 opinion piece with an introduction, body paragraphs (reasons and evidence), and conclusion.
- Produces complete sentences, recognizing and correcting fragments and run-ons. Uses frequently confused words correctly, such as to, too, and two.
- Determines the meaning of unknown and multiple-meaning words using context clues, prefixes, suffixes, and root words.

MATH:

- Solve multi-step word problems with a letter for the unknown.
- Identify factor pairs and multiples of numbers
- Identify a number as prime or composite
- Recognize that a digit is ten times more than the same digit in the place to its right.
- Read multi-digit numbers in various forms.
- Write multi-digit numbers in various forms.
- Compare multi-digit numbers using >, =, and < symbols.
- Fluently add within 1,000,000
- Fluently subtract within 1,000,000
- Multiply up to a four-digit by one-digit number using a place value strategy.
- Multiply a two-digit by two-digit number using a place value strategy.
- Divide up to a four-digit number by a one-digit number using a place value strategy.
- Compare fractions using <, =, and >.
- Add fractions less than 1.
- Subtract fractions less than 1.
- Add mixed numbers with like denominators.
- Subtract mixed numbers with like denominators.
- Solve word problems using addition of fractions.
- Solve word problems using subtraction of fractions.
- Multiply fractions by a whole number.
- Solve word problems involving multiplying fractions by a whole number.
- Recognize angle measures as additive.
- Find 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
- Creates a product to show different perspectives about migration and settlement
- Uses evidence from primary and secondary sources to create arguments and explanations
- Describes different ways to address issues of migration and settlement
- Determines ways to support people transitioning to a new community

SCIENCE:

- Define a simple design problem.
- Generate a solution to a problem.
- Plan and carry out an investigation independently or in a small group.
- Construct and explain the relationship between the speed of an object to the energy of the object.
- Identify evidence that energy can be transferred.
- Ask questions and predict outcomes about changes in energy when objects collide.
- Describe how fuel resources are acquired and how they affect the environment.
- Plants and animals have internal and external structures that help them survive.
- Describe that animals process information from their senses and respond to stimuli in different ways.
- Develop a model to describe how light reflecting from objects and entering the eye allows objects to be seen.
- Identify patterns in rocks to explain changes in landscapes.
- Observe and measure effects of weathering, erosion, and deposition.
- Analyze data from maps to describe patterns on Earth.
- Generate and compare solutions to human's effect on natural processes.
- Create a model of waves to show patterns in amplitude and frequency.
- Generate and compare solutions that show patterns can be used to transfer information.