

## **Intermediate 2 (5<sup>th</sup> Grade)**

### Reading Vocabulary:

- Synonyms – Demonstrate the ability to recognize a synonym for a word used in context.
- Multiple-Meaning Words – Demonstrate the ability to determine the meaning of a given word with multiple meanings.
- Context Clues – Demonstrate the ability to use context clues to assign meaning to an unknown word.

### Reading Comprehension:

- Initial Understanding – Demonstrate the ability to comprehend explicitly stated relationships in a variety of reading selections (literary / informational functional).
- Interpretation – Demonstrate the ability to form an interpretation of a variety of reading selections based on explicit and implicit information in the selections.
- Critical Analysis – Demonstrate the ability to synthesize and evaluate explicit and implicit information in a variety of reading selections.
- Strategies – Demonstrate the ability to recognize and apply text factors and reading strategies in a variety of reading selections.

### Mathematics Problem Solving:

- Number Sense and Operations – Demonstrate understanding of the meaning and use of numbers, the various representations of numbers, number systems, and the relationships between and among numbers. Demonstrate understanding of the meaning of operations, the relationship between operations, and the practical settings in which a specific operations or set of operations is appropriate.
- Patterns, Relationships and Algebra – Describe, complete, continue, and demonstrate understanding of patterns involving numbers, symbols, and geometric figures. Patterns with numbers include those found in lists, function tables, ratios and proportions, and matrices. Demonstrate understanding of elementary algebraic principles as found in the relationships between mathematical situations and algebraic symbolism.
- Data, Statistics, and Probability – Describe, interpret, and make predictions based on the analysis of data presented in a variety of ways, including graphs, plots, tables, and lists. Demonstrate understanding of basic probability concepts.
- Geometry and measurement – Demonstrate understanding of the characteristics and properties of plane and solid figures, coordinate geometry, and spatial reasoning. Demonstrate understanding of the meaning and use of

various measurement systems, the tools of measurement, and the integral role of estimation in measurement.

- Communication and Representation – Demonstrate an understanding of the symbols and terms utilized in mathematics, and correctly interpret alternative representations of numbers, expressions, and data.
- Estimation – Apply estimation strategies in problem solving and determine the reasonableness of results.
- Mathematical Connections – Demonstrate an understanding of the interrelatedness of mathematical concepts, procedures, and processes both among different mathematical topics and with other content areas.
- Reasoning and Problem Solving – Demonstrate the ability to apply inductive, deductive, or spatial reasoning and to make valid inferences and draw valid conclusions. Demonstrate the ability to apply strategies to solve conventional and nonroutine problems.

Mathematics Procedures:

- Computation with Whole Numbers
- Computation with Decimals
- Computation with Fractions
- Computation in Context – Demonstrate the ability to solve everyday problems requiring addition, subtraction, multiplication, and division.

Computation with Symbolic Notation – Demonstrate the ability to solve addition, subtraction, multiplication, and division problems represented by the symbols and notation of arithmetic.