

## LANGUAGE ARTS

### READING

- I. Students apply a variety of reading strategies for word analysis and vocabulary development in narrative and informational text**
- Use knowledge of word structures and relationships while reading to figure out increasingly difficult words as they relate to other words
  - Recognize that words and longer pieces of text that have associated meanings and concepts
- II. Students apply a variety of literal comprehension strategies to gain meaning from text**
- Demonstrate comprehension by identifying answers in the text
  - Sequence a series of events from reading selection
  - Follow simple multiple-step written directions
  - Identify the main idea and relevant facts in a reading selection
- III. Students apply a variety of interpretive comprehension strategies to gain meaning from text**
- Draw logical conclusions/inferences based on prior knowledge and contextual clues
  - Predict events, actions and behaviors using knowledge and/or details to comprehend increasingly difficult reading selections
  - Identify cause and effect relationships
  - Identify and analyze the elements of setting, characterization, and plot
- IV. Students apply a variety of evaluative comprehension strategies to gain meaning from text**
- Identify persuasive elements in a selection
  - Distinguish between fact and opinion

### WRITING

- I. Students will write with a clear focus, coherent organization, and sufficient detail**
- Produce informational writing that maintains a clear topic or key ideas using multiple sentences and easy-to-read text
  - Produce narrative multi-paragraph compositions where all ideas connect to the plot, with a clear message using varied and purposeful sentences
- II. Students will write for different audiences and purposes**
- Write determining emphasis by considering purpose and audiences' probable interest and knowledge of topic
  - Write with a strong awareness of audience and purpose using figurative language to develop imagery
- III. Students will use apply conventions to their writing**
- Consistently incorporate conventions into their own text, and use them to enhance meaning
- IV. Students will understand and use the steps of the writing process**
- Prewriting – Students will gather information and use an organizer when planning writing
  - Drafting – Students will attend to organization while drafting independently
  - Revising – Students will revise if necessary at all stages of writing
  - Editing and Proofreading – Students will reorganize if necessary at all stages of writing
  - Publishing – Students will consider audience and purpose at all stages of the writing process

### SPEAKING AND LISTENING

- I. Students will use listening and speaking strategies for different purposes**
- Listen attentively and critically to infer a speaker's purpose and gather information

- Use strategies to convey a clear main point incorporating several sources of information when using a variety of communication skills
- Listen and follow a discussion in order to contribute appropriately

### MATH

- Ia. Students will understand the basic meaning of place value for whole numbers**
- Read and recognize numbers to the hundred billions place (to 99,999,999,999)
  - Demonstrate an understanding of place value to the hundred billions place (to 999,999,999,999)
  - Read and write numbers from word form to standard form and from standard form to word form to the hundred billions place (to 999,999,999,999)
  - Round numbers to a given place value to hundred thousands
- Ib. Students will understand the concept of fractions and decimals**
- Demonstrate an understanding of place value of decimals to the thousandths place
  - Use  $<$ ,  $>$ , and  $=$  to compare decimals
  - Change mixed numbers to improper fractions and improper fractions to mixed numbers
  - Use  $<$ ,  $>$ , and  $=$  to compare unlike fractions
  - Reduce fractions to lowest terms
- IIa. Students will add, subtract multiply, and divide whole numbers**
- Use rounding to estimate quantities when dividing
  - Multiply a 3-digit number by a 2-digit number
  - Divide a 4 digit number by a 2-digit number with and without remainders
- IIb. Students will add and subtract fractions and decimals**
- Add and subtract decimals
  - Add and subtract fractions with like and unlike denominators
- IIIa. Students will identify and differentiate geometric figures**
- Identify words such as parallel, right angles, and length to name and compare rectangles, squares, and quadrilaterals
  - Identify congruent polygons and their corresponding sides and angles using  $\cong$  symbol
- IIIb. Students will apply properties of geometric figures**
- Calculate the volume of a cube or rectangular prism using the formula,  $v = lwh$
  - Identify similar figures (same shape, different size)
- IVa. Students will select the appropriate unit of measure**
- Identify appropriate customary and metric units of measure within categories (length, weight, capacity, and temperature) What would you use to measure the length of a table?
  - Convert measurement units within systems (customary and metric)
- IVb. Students will accurately measure length and time**
- Measure line segments to the nearest  $\frac{1}{8}$  inch
  - Compute elapsed time – hours and minutes
- Va. Students will read and interpret data, and construct charts and graphs**
- Read and interpret circle and double line graphs
  - Construct bar and line graphs
  - Calculate range, mean, median and mode of data
- Vb. Students will make predictions by applying concepts of probability**
- Determine the probability of a single event (red marble out of bag)
- VIa. Students will solve equations with a missing component**
- Solve simple problems with  $n$  as the missing component (addition, subtraction, multiplication, division)
- VIIb. Students will continue a pattern**
- Continue a variety of numerical patterns (may involve more than one operation)

