

Mathematics



Operations and Algebraic Thinking

- Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.
- Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers.
- Determine whether a group of objects has an odd or even number of members

Number and Operations in Base Ten

- Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones. Understand the following as special cases:
 - 100 can be thought of as a bundle of ten tens—called a “hundred”.
 - The numbers 100, 200, 300, 400, 500, 600, 700, 800, 900 refer to one, two, three, four, five, six, seven, eight, or nine hundreds (and 0 tens and 0 ones).
- Read and write numbers to 1000 using base-ten numerals, number name, and expanded form
- Compare two three-digit numbers using $>$, $=$, and $<$.
- Explain why addition and subtraction strategies work, using the properties of operations.

Science



- Understand animal life cycles.
- Remember that organisms differ from or are similar to their parents based on the characteristics of the organism.

Social Studies

Geography and Environmental Literacy :

- Give examples of ways in which people depend on the physical environment and natural resources to meet basic needs.
- Explain how people positively and negatively affect the environment.

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Farmington Woods IB/PYP Magnet Elementary School

Farmington Woods IB/PYP Magnet Elementary School will promote inquiry and provide an international awareness while educating our children to become life long learners.

(Second Grade) Curriculum Objectives Quarter 1



A WCPSS International Baccalaureate PYP Magnet School

This brochure is designed to share grade level standards and benchmarks with our families. Your understanding of what your child is expected to learn at each grade level is essential as we work together to reach your child's learning potential.

Literacy



Reading-Literature and Informational

- Ask and answer such questions as *who, what, where, when, why, and how* to demonstrate understanding of key details in a text.
- Describe how words and phrases (e.g., regular beats, alliteration, rhymes, repeated lines) supply rhythm and meaning in a story, poem, or song.
- Describe the overall structure of a story, including describing how the beginning introduces the story and the ending concludes the action.
- Use information gained from the illustrations and words in a print or digital text to demonstrate understanding of its characters, setting, or plot.
- Explain how specific images (e.g., a diagram showing how a machine works) contribute to and clarify a text.

Foundational Skills

- Know and apply grade-level phonics and word analysis in decoding words. Distinguish long and short vowels when reading regularly spelled one-syllable words.
- Know and apply grade-level phonics and word analysis in decoding words. Know spelling-sound correspondences for additional common vowel teams.
- Read with sufficient accuracy and fluency to support comprehension. Read on-level text with purpose and understanding.
- Read with sufficient accuracy and fluency to support comprehension. Use context to confirm or self-correct word recognition and understanding, rereading as necessary.

Speaking and Listening

- Participate in collaborative conversations with diverse partners about grade 2 topics and texts with peers and adults in small and larger groups. Follow agreed-upon rules for discussions (e.g., gaining the floor in respectful ways, listening to others with care, speaking one at a time about the topics and texts under discussion).
- Tell a story or recount an experience with appropriate facts and relevant descriptive details, speaking audibly in coherent sentences.
- Produce complete sentences when appropriate to task and situation in order to provide requested detail or clarification.

Writing

- Write narratives in which they recount a well-elaborated event or short sequence of events, include details to describe actions, thoughts, and feelings, use temporal words to signal event order, and provide a sense of closure.
- With guidance and support from adults and peers, focus on a topic and strengthen writing as needed by revising and editing.

Go for the GOLD!

Give and earn respect

Own your actions

Lead by example

Demonstrate Cooperation

Language

- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking. Use collective nouns (e.g., *group*).
- Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing. Use commas in greetings and closing of letters.
- Use knowledge of language and its conventions when writing, speaking, reading, or listening. Compare formal and informal uses of English.
- Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 2 reading and content, choosing flexibly from an array of strategies. Use sentence-level context as a clue to the meaning of a word or phrase.
- Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 2 reading and content, choosing flexibly from an array of strategies. Use knowledge of the meaning of individual words to predict the meaning of compound words (e.g., *birdhouse, lighthouse, housefly, bookshelf, notebook, bookmark*).
- Demonstrates understanding of word relationships and nuances in word meanings. Identify real-life connections between words and their use (e.g., describe foods that are *spicy or juicy*).
- Distinguish shades of meaning among closely related verbs (e.g., *toss, throw, hurl*) and closely related adjectives (e.g., *thin, slender, skinny, scrawny*).