

CURRICULUM OVERVIEW

FIRST GRADE



PRINT CONCEPTS

- Demonstrate understanding of the basic features of print.
- Recognize the distinguishing features of a sentence (e.g., first word, capitalization, ending punctuation).
- Phonological Awareness
- Demonstrate understanding of spoken words, syllables, and sounds (phonemes).
- Distinguish long from short vowel sounds in spoken single-syllable words.
- Orally produce single-syllable words by blending sounds.
- Isolate and pronounce initial, medial vowel, and final sounds in spoken single-syllable words.
- Segment spoken single-syllable words into their individual sounds.

SPEAKING AND LISTENING

- Participate in Collaborative Conversations with Understanding
- Build on others talk and conversations with diverse partners, follow agreed upon rules for discussions and ask questions to clear up questions about the topic under discussion.
- Ask and answer questions about key ideas from a read aloud or oral presentation.
- Ask and answer questions about what a speaker says in order to gather additional information or clarify something that is not understood.
- Present Knowledge and Ideas Clearly
- Describe people, places, things and events with relevant details and express ideas and feelings clearly.
- Add drawings or other visual displays to descriptions when appropriate to clarify ideas, thoughts and feelings.
- Produce complete sentences when appropriate to task and situation.

READING

- Apply Phonics and Word Recognition Skills
- Know and apply grade level phonics and word analysis skills in decoding words.
- Know spelling sound correspondence (e.g., mop, back, drip).
- Decode regularly spelled one syllable words (e.g., ship, went, cold, cart).
- Know final -e and common vowel team conventions for representing long vowel sounds (e.g., note and cape as well as words that contain the vowel teams: /oa/, /ay/, /ai/, /oe/, /ee/, /ae/.
- Use knowledge that every syllable must have a vowel sound (e.g., o/pen, kick/ing, mar/ket, moth/er, clo/set).
- Decode two-syllable words following basic patterns (e.g., open syllable words such as: began, human, tiger and closed syllable words such as submit, insect, kitten).
- Read words with inflectional endings (e.g., looks, looked, looking, longer, longest).
- Read with Fluency
- Read on level text with appropriate accuracy, rate and expression.
- Identify Key Ideas and Details
- Ask and answer questions about key details in a text.
- Retell stories, including key details, and demonstrate understanding of central message or lesson.
- Describe characters, settings, and major events using key details.
- Identify the main topic and retell key details in an informational text.

- Describe the connection between two individuals, events, ideas, or pieces of information in a text.
- Understand the Structure of Texts
- Identify words and phrases in stories or poems that suggest feelings or appeal to the senses.
- Explain major differences between books that tell stories and books that give information.
- Identify who is telling the story at various points in a text.
- Ask and answer questions to clarify the meaning of words in informational text.
- Know and use various text features (e.g., headings, tables of contents, glossaries, etc.) to locate key facts.
- Distinguish between information provided by pictures and information provided by words in a text.
- Integrate Knowledge and Ideas Within and Across Texts
- Use illustrations and details in a story to describe its characters, setting, or events.
- Compare and contrast the experiences of characters in stories.
- Use illustrations and details in a text to describe its key ideas.
- Identify the reasons an author gives to support points in a text.
- Identify basic similarities in and differences between two texts on the same topic.
- Read and Comprehend a Range of Texts with Appropriate Grade Level Complexity
- Read prose and poetry of grade 1 text complexity with prompting and support.

WRITING

- Write a Variety of Texts for Various Purposes
- Write opinion pieces that introduce the topic, state an opinion and a reason for the opinion and provide some sense of closure.
- Write informative/explanatory text that name a topic, supply some facts about the topic and some sense of closure.
- Write narratives by recounting two or more appropriately sequenced events, including some details, use of temporal words to signal event order and provide some sense of closure.
- Produce and Publish Clear and Coherent Writing
- Focus on a topic, respond to questions/ suggestions from peers, add details as needed and use a variety of digital tools to publish writing with guidance and support from adults.
- Research to Build and Present Knowledge
- Participate in shared research and writing projects.
- Recall information from experiences or gather information from provided sources to answer a question with guidance and support from adults.

LANGUAGE

- Demonstrate Command of the Conventions of Standard English
- Print all upper and lower case letters.
- Apply parts of speech correctly when writing and speaking.
- Produce and expand complete simple and compound declarative, interrogative, imperative, and exclamatory sentences in response to prompts.
- Apply capitalization, punctuation and spelling when writing.
- Understand and Use Grade Appropriate Vocabulary
- Determine and clarify the meaning of unknown and multiple-meaning words

and phrases using a variety of strategies.

- Demonstrate understanding of word relationships and nuances in word meanings with guidance and support from adults.
- Apply words and phrases acquired through conversations, reading and responding to texts.

SOCIAL STUDIES

Government and Civics

- Develop a sense of family and classroom community responsibilities.
- Develop decision-making, problem-solving and listening skills.
- Explore, understand and appreciate the cultural similarities and differences between one's own culture and other cultures.
- Participate in collaborative conversations about social studies topics and texts.

GEOGRAPHY

- Identify locations using map symbols.
- Give and follow directions using N, S, E, W.
- Identify land/water formations and neighboring states of Connecticut on a map/globe.
- Identify the differences in seasons of the northern and southern hemispheres.

HISTORY

- Develop a sense of personal history.
- Develop a sense of U.S. history and culture through the study of famous Americans and national holidays.
- Apply terms related to time (past, present, future, hours, days, weeks, months, and years).

HANDWRITING

- Continue to work on the formation of numbers.
- Continue to practice the letter formation in written work.

SCIENCE

Life Science: Living Things and Their Needs

- Observe that living things have different structures and behaviors that allow them to meet their basic needs.
- Understand that animals need air, water and food to survive.
- Describe the different ways that animals, including humans, obtain water and food.
- Describe the structures that animals, including humans, use to move around.
- Recognize that organisms change in form and behavior as part of their life cycles.
- Recognize that some organisms undergo metamorphosis during their life cycles, and that others grow and change, but their basic form stays essentially the same.
- Describe the changes in insects as they grow and change and/or undergo metamorphosis.

Physical Science: Push and Pull

- Describe how the motion of objects can be changed by pushing and pulling.
- Observe that the position of an object can be described by locating it relative to another object in the background.
- Describe an object's motion by tracing and measuring its position over time.

Scientific Inquiry

- Demonstrate a thoughtful and coordinated attempt to search out, describe, explain and predict natural phenomena.
- Participate in speaking, listening, presenting, interpreting, reading and writing about science.
- Understand that mathematics provides useful tools for the description, analysis and presentation of scientific data and ideas.

MATHEMATICS

Mathematical Practices

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.

Key Fluency

- Add/subtract within 10.

Operations and Algebraic Thinking

- Represent and solve problems involving addition and subtraction within 20.
- Understand and apply properties of operations and the relationship between addition and subtraction, i.e., commutative property: $4 + 2 = 2 + 4$, associative property: $(4 + 2) + 3 = 4 + (2 + 3)$.
- Add and subtract within 20.
- Work with addition and subtraction equations.

Number and Operations in Base Ten

- Extend the counting sequence from any number, up to 120.
- Understand place value.
- Understand two-digit numbers as representing amounts of tens and ones.
- Compare two-digit numbers based on the meaning of tens and ones and record using $>$, $<$, $=$ symbols.
- Use place value understanding and properties of operations to add and subtract
- Add within 100, including adding a two-digit number and one-digit number and adding a two-digit number and a multiple of ten, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.
- Find ten more or ten less than a given two-digit number without having to count and explain reasoning.
- Subtract multiples of 10 in the 10-90 range using concrete models and relate to a written method and explanation

Measurement and Data

- Measure and compare length of three objects using standard and non-standard units of measurement.
- Tell and write time to the hour and 1/2 hour.
- Represent and interpret data by organizing and representing data with up to three categories; ask and answer questions about the total number of data points and how many more or less in each category.

Geometry

- Reason with shapes and their attributes.
- Distinguish between shape-defining attributes (triangles have three sides) versus non-defining attributes (e.g., color, size).
- Compose two and three-dimensional shapes and create new shapes from the composite shapes.
- Partition shapes into two and four equal shares; describe the shares using words (e.g., halves) and the whole as two halves, four fourths.

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