

CURRICULUM OVERVIEW

THIRD GRADE



LANGUAGE ARTS

This year your child will be working to develop his or her understanding and mastery of Grade 3 Common Core Standards for English-Language Arts. These standards integrate all aspects of Language Arts development and are categorized under Reading, Writing, Speaking & Listening, and Language.

READING

- Apply Phonics and word recognition skills
- Know and apply grade level phonics and word analysis skills in decoding words.
- Identify and know the meaning of common prefixes and derivational suffixes (e.g., re-, pre-, -er, -ing).
- Decode multi-syllable words (e.g., deliberate, flexible).
- Decode words with common Latin suffixes (e.g., -able, -ible, -ence).
- Read grade appropriate irregularly spelled words. Read with fluency.
- Read on level text with appropriate text, prose and poetry with appropriate accuracy, rate and expression.
- Identify key ideas and details
- Ask and answer questions to demonstrate understanding of literature and informational text; refer explicitly to the text as the basis for answers.
- Recount stories, determine the central message, lesson or moral and explain how it is conveyed through key ideas in the text.
- Determine main idea of a text, recount key details and explain how they support the main idea.
- Describe characters in a story and explain how their actions contribute to the sequence of events.
- Understand the structure of texts
- Determine the meaning of words and phrases distinguishing literal from nonliteral language.
- Refer to parts of stories, dramas and poems using terms such as chapter, scene and stanza; describe how successive parts build upon earlier sections.
- Distinguish your point of view from that of the narrator or a character in the story or the author of a text.
- Determine the meaning of grade appropriate words and phrases in informational text.
- Use text features and search tools (e.g., key words, sidebars, hyperlinks) to efficiently locate information relevant to a given topic.
- Explain how specific aspects of an illustration contribute to what is conveyed by the words in a story or text.
- Compare and contrast the themes, settings, and plots of stories written by the same author about the same or similar characters.
- Describe the connection between sentences and paragraphs in a text (e.g., comparison, cause/effect, first/second/third in a sequence).
- Compare and contrast the most important points and key details presented in two texts on the same topic.
- Read and Comprehend a Range of Texts with Appropriate Grade Level Complexity

WRITING

- Write a Variety of Texts for Various Purposes
- Write opinion pieces that provide a point of view, include reasons to support that opinion and provide a concluding statement or section.
- Write informative/explanatory texts that examine a topic, provide facts,

definitions and details and provide a concluding statement or section.

- Write narratives that introduce a narrator and/or characters, use dialogue and descriptions and provide a sense of closure.
- Plan, revise, edit and use a variety of digital tools to publish writing with guidance and support from adults and peers.
- Recall information from experiences or gather information from print and digital resources, take brief notes on sources and sort evidence into categories.

Range of Writing

- Write routinely over extended and shorter time frames for a variety of tasks, purposes and audiences.

SPEAKING AND LISTENING

- Participate in Collaborative Conversations with Understanding
- Come to discussions prepared, follow agreed upon rules for discussion, ask questions to check understanding and explain understanding of the topic under discussion, supporting details of a text or information presented in diverse media and formats.
- Ask and answer questions about information from a speaker, offering appropriate elaboration and detail.
- Present Knowledge and Ideas Clearly
- Report on a topic, tell a story, or recount an experience with appropriate facts and relevant details speaking clearly at an understandable pace.
- Speak in complete sentences when appropriate to the situation in order to provide requested detail and clarification.

LANGUAGE

- Demonstrate Command of Conventions of Standard English
- Apply parts of speech correctly when writing and speaking.
- Produce simple, compound and complex sentences.
- Apply capitalization, punctuation and spelling when writing.
- Use Knowledge of Language
- Choose words and phrases for effect.
- Apply formal and informal uses of English.
- Understand and Use Grade Appropriate Vocabulary
- Determine or clarify the meaning of unknown and multiple-meaning words and phrases using a variety of strategies.
- Acquire and accurately use conversational, academic and domain-specific words and phrases.

HANDWRITING

- Introduce scholars to the cursive alphabet

SOCIAL STUDIES

Government and Civics

- Develops and understands decision-making, problem-solving, listening, speaking, personal and group interaction skills.
- Explain the importance of rules/laws and one's rights and responsibilities as a member of a school and community.
- Explain characteristics that help define culture (e.g., language, religion, clothing).
- Participate in collaborative conversations about social studies topics and texts.
- Present information with clarity, voice, and fluency and respond to related questions.

Geography

- Use symbols in map keys to identify cities, state capitals and the nation's capital. Identify the major natural, cultural and regional features of the United States, including a focus on Connecticut.
- Differentiate absolute and relative locations (longitude and latitude versus proximity)

History

- Explain the events of historical figures (G. Washington, H. Tubman, MLK, R. Parks, C.Chavez, Squanto, etc.)
- Create and present written and visual work to demonstrate an understanding of history and social issues.

SCIENCE

Life Science

- Heredity and Evolution
- Observe that organisms can survive and reproduce only in environments that meet their basic needs.
- Describe the structures and behaviors of plants and animals that help them survive in different environments.
- Properties of Matter, Forces, and Motion
- Classify materials based on properties that can be identified and described through the use of simple tests.
- Describe the changes in some of the properties of materials due to heating or cooling.
- Recognize that position and motion of objects can be changed by pushing or pulling.
- Understand that the more massive an object is, the less effect a given force will have on its motion.

Earth Science/ Science and Technology in Society

- Understand that Earth's materials provide resources for all living things, and perceive that these resources are limited and should be conserved.
- Recognize that decisions made by individuals can impact the global supply of many resources.
- Earth Science: Geology — The Rock Cycle (i.e., igneous, sedimentary, and metamorphic rocks).

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

Our mathematics curriculum is based on the Common Core State Standards for Mathematics (CCSS-M) that define what students should understand and be able to do by the end of the year at each grade level.

Our instructional focus in Grade 3 is on four critical areas: (1) developing understanding of multiplication and division and strategies for multiplication and division within 100; (2) developing understanding of fractions, especially unit fractions (fractions with numerator 1); (3) developing understanding of the structure of rectangular arrays and of area; and (4) describing and analyzing two-dimensional shapes. To provide you with an understanding of your child's mathematics learning, we have highlighted domains and clusters of standards for Grade 3 below.

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 Fluencies

- Add/subtract within 1,000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.

- Multiply/divide within 100 using strategies and algorithms based on the relationship between multiplication and division or properties of operations.

- Know from memory all products of two one-digit numbers.

Operations and Algebraic Thinking

- Represent and solve problems involving multiplication and division.

- Understand properties of multiplication and the relationship between multiplication and division.

- Solve problems involving the four operations and identify and explain patterns in arithmetic.

Number and Operations in Base Ten

- Use place value understanding and properties of operations to perform multi-digit arithmetic.

Number and Operations – Fractions

- Develop understanding of fractions as numbers.

- Measurement and Data

- Solve problems involving measurement and estimation of intervals of time to nearest minute, liquid, and volumes and masses of objects.

- Represent and interpret data.

- Geometric measurement: understand concepts of area and relate area to multiplication and addition

- Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.

Geometry

- Reason with shapes and their attributes.

JUMOKE ACADEMY CHARTER SCHOOL
834 Asylum Ave. Hartford, CT 06105
(860) 527-0575

jumokeacademy.org