

CURRICULUM OVERVIEW

FIFTH GRADE



LANGUAGE ARTS

This year your child will be working to develop his or her understanding and mastery of Grade 5 Common Core Standards in English-Language Arts. These standards integrate all aspects of Language Arts development and are categorized under Reading, Writing, Speaking & Listening, and Language. Your child's teacher will use a wide variety of instructional strategies and formats to help your child learn these standards by the end of the school year

READING

- Apply Phonics and Word Recognition Skills
- Know and apply grade level phonics and word analysis skills in decoding words.
- Use knowledge of letter-sound correspondence, syllabication patterns, and morphology (e.g., roots and affixes) to accurately read unfamiliar multisyllabic words.
- Read with Fluency
- Read on level text with appropriate accuracy and fluency to support comprehension
- Identify Key Ideas and Details
- Quote accurately from a text when drawing inferences and explaining what the text says explicitly.
- Determine a theme from details in the text including how characters respond to challenges or how the speaker in a poem reflects upon a topic.
- Compare and contrast how characters interact drawing on specific details.
- Determine two or more main ideas of a text and supporting key details; summarize the text.
- Based on specific information in a text, explain the relationships or interactions between individual, events, etc.
- Understanding the Structure of Text
- Determine words/phrases used in a text including figurative language (e.g., metaphors, similes).
- Explain how chapters, scenes or stanza fit together to provide structure of a story, drama or poem
- Describe how the narrator's or speaker's point of view influences how events are described.
- Determine the meaning of general academic and domain-specific words or phrases in a text.
- Compare and contrast the overall structure of events, ideas, information in texts.
- Analyze multiple accounts of the same event noting similarities and differences in the point of view they represent
- Integrate Knowledge and Ideas Within and Across Texts
- Analyze how visual and multimedia elements contribute to the meaning or tone of a text.
- Compare and contrast stories in the same genre on their approaches to similar themes and topics.
- Draw on information from multiple print or digital sources to locate an answer or solve a problem quickly and efficiently.
- Explain how an author uses evidence to support particular points in a text.
- Integrate information from several texts on the same topic and write or speak about the subject knowledgeably.
- Read and Comprehend a Range of Texts with Appropriate Grade Level

Complexity

- Independently and proficiently comprehend a variety of texts at the grade 4 – 5 complexity range.

WRITING

- Write a Variety of Texts for Various Purposes
- Write opinion pieces that introduce a topic, state an opinion, create an organizational structure, provide reasons supported by facts and provide a conclusion related to the opinion presented.
- Write informative/explanatory texts that develop a topic using precise language and vocabulary and provide a conclusion related to the information presented.
- Write narratives by establishing a situation, introducing characters, organizing the event sequence, using narrative techniques and providing a conclusion that follows from the narrated events.
- Produce and Publish Clear and Coherent Writing
- Plan, revise, edit or rewrite and use a variety of digital resources to publish writing with some guidance/support from peers and adults; demonstrate sufficient command of keyboarding skills.
- Research to Build and Present Knowledge
- Conduct short research projects that use several sources to build knowledge.
- Recall or gather relevant information from experiences or print/digital resources; summarize information in notes and provide a list of sources.
- Draw evidence from literary or informational texts to support analysis, reflection and research.
- Write routinely over extended or shorter time frames for a range of discipline-specific tasks, purposes and audiences.

SPEAKING AND LISTENING

- Participate In Collaborative Conversations with Understanding
- Come to discussions prepared and explicitly draw on information known about the topic under discussion.
- Follow agreed upon rules and contribute to the discussion.
- Review key ideas and draw conclusions based on information and knowledge shared.
- Summarize a written text read aloud or information presented in diverse media and formats.
- Summarize the points a speaker makes and explain how the reasons and evidence are supported.
- Present Knowledge and Ideas Clearly
- Report on a topic or present an opinion with logical sequence and descriptive details to support main ideas or themes; speak clearly at an understandable pace.
- Include multimedia components and visual displays when appropriate.
- Adapt speech to a variety of contexts and tasks.

LANGUAGE

- Demonstrate Command of Conventions of Standard English
- Appropriately use conjunctions, verb tenses, and correlative conjunctions (e.g., either/or, neither /nor).
- Demonstrate command of the conventions of standard English capitalization, punctuation and spelling when writing.

- Use Knowledge of Language
- Use knowledge of language and its conventions when writing, speaking, reading or listening.
- 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 figurative language, word relationships, and nuances in word meanings (e.g., similes, idioms, proverbs).
- Use general academic and domain-specific words/phrases that signal contrast and other logical relationships (e.g., similarly, nevertheless)

SOCIAL STUDIES

In Grade 5, we have begun to integrate our social studies and Language Arts curriculum, aligned with the Common Core State Standards and the Connecticut Social Studies Curriculum Framework. Given this alignment of standards (e.g., understanding of primary and secondary sources), your child will engage in many literacy experiences related to social studies topics. For example, Grade 5 students research New England colonies and share/discuss with several classmates about other colonies and topics. The students use all of the information they gather to write an opinion piece supported by this evidence. The content knowledge your child learns through these reading and research experiences will be assessed as part of social studies. Language arts-related standards will be assessed through language arts indicators (e.g., Integrates knowledge and ideas in writing and across texts”).

- Develop and understand decision-making, problem-solving, listening/speaking, personal and group interaction skills.
- Describe our national government’s purpose, structure, and functions.
- Explain how citizens demonstrate their rights and responsibilities.
- Identify and explain different points of view about a historical event and analyze why people might have different points of view, using personal experiences and evidence from texts.
- Participate in informed, collaborative conversations about social studies topics and texts, expressing own ideas clearly and building on others’ ideas.

GEOGRAPHY

- Use maps, charts, tables and graphs to develop an understanding of natural and cultural features in America.
- Compare & contrast settlement patterns in the early American colonies and identify the geographical features influencing settlement in America.

HISTORY

- Compare and contrast similarities and differences among the early American colonies.
- Explain the causes and effects of the Revolutionary War and compare the perspectives of England and the colonies.
- Explain the events that led to ratification of the Constitution and describe the three major branches of government and the Bill of Rights.
- Access, gather, and interpret information from a variety of primary and secondary sources including electronic media.
- Create various forms of written and visual work to demonstrate an understanding of history and social issues.
- Present information gathered on a topic with clarity, voice, and fluency and respond to questions.

SCIENCE

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.

Physical Science

- Energy Transfer and Transformations
- Infer that sound is a form of energy and describe how it is produced by the vibration of objects and is transmitted by the vibration of air and objects.
- Perceive that light is a form of energy that travels in a straight line and observe that light can be reflected by a mirror, refracted by a lens, or absorbed by objects.

Earth Science

- Earth in the Solar System
- Understand that most objects in the solar system are in regular and predictable motion.
- Realize that the movement of the earth and moon relative to the sun explains the cycles of day and night and the monthly moon phases.

Science and Technology in Society

- Understand that humans have the capacity to build and use tools to advance the quality of their lives.
- Explain how advances in technology allow us to acquire new information about our world.

MATHEMATICS

The Jumoke Academy Grade 5 Mathematics Curriculum incorporates the CT Common Core State Standards. The program goals focus on the following units:

- Algebraic Connections
- Understanding the Place Value System
- Computing with Whole Numbers and Decimals
- Adding and Subtracting Fractions
- Making Sense of Multiplication of Fractions
- Exploring Volumes of Solid Figures
- Classifying 2-Dimensional Figures
- Understanding Division of a Unit Fraction and a Whole Number

In all grades, the following mathematical practices are integrated throughout the program:

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

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