

East Maine School District 63

Parent's Guide to Third Grade

In Third Grade, your child will:

Language Arts

- Decode words using inflected ending (dropped "e" and "y")
- Clarify the meaning of unknown words using within-sentence clues
- Determine the meaning of unknown words using context and structural analysis
- Use synonyms and antonyms to define words
- Determine the correct use of homonyms using context clues
- Determine meaning of compound words using knowledge of known individual words
- Self-monitor reading and use meaning and context to self-correct miscues
- Know how to talk about nouns in terms of function (dogs and pets), feature (dogs have fur), and category (dogs are mammals)
- Know how to talk about verbs as "action words"
- Activate prior knowledge to establish purpose for reading
- Make predictions before and during reading and confirm, modify, or reject predictions after reading
- Differentiate among the literary elements of plot, character and setting
- Make literal and simple inferences in narrative text to deepen understanding of the text (predict, character actions)
- Use informational text features (illustrations, graphs, charts, diagrams, bold print, key words, graphics) to support and understand the meaning of text
- Answer questions that require both explicit and implicit responses
- Identify explicit and implicit main ideas and details in text
- Paraphrase or summarize text using text structure to organize ideas
- Recognize when understanding requires rereading or reading ahead to clarify meaning
- Apply strategies to improve fluency (decoding, monitoring, self-correcting)
- Use pacing and intonation to convey meaning when reading aloud
- Use evidence from text to modify questions
- Identify the author's purpose and the main idea
- Differentiate between fact and opinion
- Make comparisons and connections through inference
- Recognize imagery as a support to comprehension
- Apply information obtained from narrative and expository texts to tables, maps and charts
- Recognize features and differences among genres
- Make generalizations based on relevant information from the text
- Recognize how illustrations reflect, interpret and enhance the text
- Identify the author's purpose for writing fiction or nonfiction text (e.g., to entertain, inform, or persuade)
- Identify the literary elements of plot, problem/conflict, resolution, character (main and supporting), and setting
- Identify the setting and tell how it affects the story
- Identify/compare characters' attributes across stories
- Identify author's message
- Connect stories to personal experience, prior knowledge, or other stories
- Explain figurative language (e.g., personification, metaphor, alliteration, simile, idiom, onomatopoeia)
- Identify events important to the development of the plot
- Recognize poetic devices (e.g., rhyme, rhythm, alliteration, onomatopoeia, repetition, simile, metaphor)
- Investigate literature from a variety of time periods/cultures/genres
- Identify how fiction and nonfiction are organized differently
- Recognize underlying themes in fiction
- Identify and compare characters' attributes in a passage
- Write fully-developed paragraphs using proper form (e.g., topic sentence, details, summary/conclusion sentence) and a variety of sentence types
- Use correct spelling of 300 high frequency words
- Use end marks, commas and quotation marks
- Construct complete sentences that demonstrate appropriate use of pronouns
- Use prewriting strategies (brainstorming, graphic organizers) to generate and organize ideas
- Write an expository composition explaining a specific topic that maintains a clear main ideas, is supported with specific details, and has a logical flow of ideas with coherence and cohesion
- Set the purpose of the expository composition through a specific preview
- Maintain logic throughout the expository composition
- Include specific details in the expository composition that support major points
- Maintain a consistent voice throughout an expository composition
- Include a clear and evident structure with beginning, middle and end
- Proofread/edit for correct conventions including end marks, commas and quotation marks
- Reread and revise to improve content
- Apply specific criteria (rubric) to judge the quality of writing
- Select effective formats for publication of final product
- Use the characteristics of a well-developed narrative, expository, or persuasive piece
- Use different forms of creative writing (e.g., song, poetry, short fiction, play)
- Use appropriate language, detail and format for specified audience
- Use available technology to plan, compose, revise, and edit written work
- Paraphrase the content of both formal and informal presentations or messages (e.g., directions, announcements, conversations, speakers, media presentations)
- Formulate relevant and focused questions and answers in a variety of settings (e.g., cooperative learning groups, class discussions, guest speakers, debates, assemblies)
- Sustain conversations by extending contributions of others
- Distinguish between main ideas and details in oral presentations
- Demonstrate the ability to listen for different purposes (e.g., information gathering, entertainment, social interaction)
- Demonstrate awareness of characteristics of an audience and how they affect content and style of presentation
- Use presentation techniques appropriate for the situation (e.g., eye contact with audience, volume, rate, tone, avoid distracting behaviors)
- Use appropriate details (e.g., descriptive words, reasons)
- Elaborate on main points with supporting details in oral presentations
- Use a variety of sources (reference books, encyclopedia and available technology) to collect information relevant to a topic
- Use an organizational system (e.g., media center, classroom resources, available technology) to locate information
- Appropriately cite sources in an acceptable format (title, author, copyright date)
- Formulate questions to define ideas through oral discussion about a specific topic
- Distinguish between primary and secondary sources
- Develop acquired information by using various formats (research paper, poem story, play, letter)

Math

- Demonstrate a knowledge of age appropriate math vocabulary
- Rename numbers using word form, standard, and expanded notation to 1000
- Know addition and subtraction facts to 18
- Add and subtract two- and three- digit numbers with and without regrouping
- Know multiplication and division facts to 9
- Solve and justify addition/subtraction and multiplication/division number sentence and word problem solutions
- Solve multiple step addition, subtraction, and multiplication problems
- Understand and demonstrate knowledge of number properties
- Construct and solve basic problems using a variable ($\square \times 8 = 40$)
- Read, write, order, and compare whole numbers and fractions
- Use and generate equivalent forms of familiar fractions
- Apply a variety of problem solving strategies
- Communicate solutions to problems
- Use estimation to form logical/reasonable solutions
- Solve problems using time and identify time to the minute
- Solve problems using money and make change using bills and coins
- Compute elapsed time using a clock and a calendar
- Compare and relate metric and standard units
- Develop strategies for solving perimeter, area, and volume
- Select and use appropriate measurement tools
- Identify, create, describe, and extend geometric/numeric patterns
- Identify and use knowledge of geometric shapes and concepts
- Identify, draw, and build polygons
- Understand congruency, similarity, and symmetry
- Identify, draw, and label lines, segments, rays, and angles
- Collect data using observations and experiments
- Create and interpret graphs, tables, and charts
- Identify coordinates on a grid
- Understand and use probability

Social Science

- Share findings orally, graphically, or in written form
- Gather and use information from many resources
- Identify concepts of various historical documents
- Describe the importance of rights and responsibilities
- List the names and levels of government (city, county, state, federal, or national)
- Explain how local government influences the community
- Discuss why people vote and run for political offices in a democracy
- Identify producers and consumers of goods and services in the community
- Explain trade as an exchange
- Identify cultures which are part of U.S. heritage
- Describe how European Colonies developed in North America
- Interpret data on a timeline
- Understand the effect geography has on society
- Identify/use maps to gather information

Science

- Conduct an inquiry investigation
- Use record keeping systems to organize information
- Apply the Scientific Method to solve problems
- Communicate conclusions of an investigation
- Identify sources of energy
- Describe and compare types of energy
- Identify examples of motion and observable forces in nature
- Explore constant, variable, and periodic motions
- Demonstrate and explain ways that forces affect motion (action/reaction)
- Explore the relative sizes of the Earth and the Sun and their distance from each other
- Understand that the earth rotates on its axis and that this is responsible for the change from day to night
- Understand that the moon changes its appearance, or phase, in a regular pattern over four weeks
- Understand that the tilt of the earth is responsible for the seasons
- Define a constellation as a group of stars that form a pattern in the sky
- Model rotation and revolution
- Identify the three basic kinds of rocks (igneous, sedimentary, metamorphic) and the processes that created them
- Understand that some rocks contain plant and animal fossils
- Use basic safety practices/ materials to conduct an experiment
- Explain how technology is used in science for a variety of purposes
- Demonstrate an understanding of conservation identifying ways to reduce, reuse, and recycle
- Explore how people and pollution affect the environment
- Explain how hygiene can prevent illness
- Demonstrate proper procedures on bus and playground
- List choices that have a positive and negative influence on health