

Name	MA Standard	MA Standard
<b>Grade 5</b>		
<b>Social Studies Grade 5</b>		
<b>History</b>		
Articulates causes and the effects of events in history	Individuals, events and issues	
Identifies characteristics of individuals who have impacted history	synthesis, analysis	
<b>Geography</b>	Geography= connection between people & environment	How does geography shape identity?
Explains how geography impacts culture, economy and way of life		
<b>Civics and Government</b>		
Understands the impact of explorers on indigenous people		
Compare and contrast experiences of people from other times and places	participatory gov't	kids have rights as citizens
<b>Economics</b>	work, exchange (trade) , technology (how industrialization, tools of trade impact economy)	e.g. impact of cotton gin, steam power, first railroads, communication via telegraph
Explains a developing economy depends on natural resources	trade	
<b>Earth and Space Science</b>		
Models and communicates observed patterns in the sun/moon/stars	5-ESS1-1	5-ESS1-2, 5-PS2-1
Models the cycling of water through earth's systems	5-ESS2-1	5-ESS2-2
Researches and Tests ways to reduce human impact on Earth's resources	5-ESS3-1	5-ESS3-2(MA)
<b>Life Science</b>		
Models the components and energy transfer in a food web	5-LS2-1	5-PS3-1
Provides evidence to explain how plants meet their basic needs		5-LS1-1
Compares and contrasts decomposition in 2 different composters		5-LS2-2(MA)
<b>Physical Science</b>		
Models common phenomena involving gasses and phase changes		5-PS1-1
Measures and graphs the conservation of matter in chemical reactions.		5-PS1-2
Observes/identifies substances based on properties and mixability	<b>5-PS1-3</b>	<b>5-PS1-4</b>

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<b>Effort in Science</b>		
<b>Wellness - Physical Education and Health</b>		
Demonstrates grade level fitness and skill levels		
Understands rules and concepts of games		
Shows respect for self, others, and property		
Identify/demonstrate health promotion and disease prevention concepts.		
Use goal-setting and decision-making skills to enhance health.		
<b>Effort in Wellness Classes</b>		
<b>Music</b>		
Demonstrates understanding of reading and notation		
Performs independently and in groups		
Listens to, describes, and analyzes music		
<b>Art/Graphic Arts</b>		
Creates 2 & 3D artworks to produce a wide range of visual effects		
Cares for materials and uses them properly and safely		
Understands elements of art and principles of design		
Craftsmanship		
<b>Effort in Art Class</b>		
<b>Exploring the 7 C's</b>		
Collaborates- encourages peers and embraces ideas of others.		
Demonstrates creative thinking.		
Perserveres through challenges		
<b>Effort in 7 C's Class</b>		
<b>Technology</b>		
Demonstrates creative thinking and creates original work		
Effectively uses digital media to communicate and work collaboratively		
Locates, evaluates and selects information based on best fit for task		
Uses critical thinking to manage projects and solve problems		

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<b>Effort in Technology Class</b>		
<b>Literacy</b>	<b>2011 ELA ANCHOR STANDARDS</b>	<b>2011 Grade Level STANDARDS</b>
<b>Foundational Skills</b>		
Accurately reads unfamiliar words.	Foundational Skills: Know and apply grade-level phonics and word analysis in decoding words.	Use combined knowledge of all letter-sound correspondences, syllabication patterns, and morphology (e.g., roots and affixes) to read accurately unfamiliar multi-syllabic words in context and out of context
Reads aloud in a way that shows purpose and understanding.	Foundational Skills: Read with sufficient accuracy and fluency to support comprehension	
<b>Reading</b>		
Explains, summarizes and draws inferences, using details and examples	1. Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.	
Analyzes connections between ideas, characters, events, or a process	2. Determine central ideas (Inf) or themes(Fiction)/analyze development/summarize key supporting details & ideas	3. (anchor) Analyze how and why individuals, events, and ideas develop and interact over the course of a text
Describes structure of a text, considering characteristics of genre	5. Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene or stanza) relate to each other and the whole	5. Explain how a series of chapters, scenes, or stanzas fit together to provide the overall structure of a particular story, drama, or poem

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Compares, contrasts, and integrates information from multiple texts	9. Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take	6. Describe how a narrator's or speaker's point of view influences how events are described
Locates, analyzes and explains how literary devices enrich the text.	8a. Analyze the meanings of literary texts by drawing on knowledge of literary concepts and genres	8a. Locate and analyze examples of foreshadowing in stories, poems, folktales, and plays.
Explain how author uses reasons/evidence to support particular point	8. Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence	
Determines/clarifies meaning of unknown and multiple meaning words	4. Interpret words and phrases as they are used in a text, including determining technical, connotative, or figurative meanings; and analyze how specific word choices shape meaning or tone (Reading)	4. (language) Determine or clarify the meaning of unknown and multiple-meaning words and phrases by using context clues, analyzing meaningful word parts, and consulting general and specialized reference materials, as appropriate
Reads/comprehends many types of texts independently with stamina.	10. Read and comprehend complex literary and informational texts independently and proficiently	
<b>Writing About Reading</b>		
Includes accurate, appropriate and important information	<b>Writing 9. Draw evidence from literary or informational texts to support analysis, reflection, and research</b>	Specific to grade 5: Draw evidence from literary or informational texts to support analysis, reflection and research. Apply Gr 5 Reading standards #8 & #9

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Identify and explain examples of author's craft in all genres	Focused application of standard via Writing about Reading	Reading 8a. Locate and analyze examples of foreshadowing in stories, poems, folktales, and plays.
Writes about text's structure and its purpose	Focused application of standard via Writing about Reading	Reading 5. Explain how a series of chapters, scenes, or stanzas fit together to provide the overall structure of a particular story, drama, or poem
Critique the quality or authenticity of a text	<b>Writing #8 Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism#</b>	Specific to grade 5: Recall relevant information from experiences or gather relevant information from print and digital sources; summarize or paraphrase information in notes and finished work, and provide a list of sources
<b>Types of Writing</b>		
Writes focused opinion pieces, organized with reasons and information	1. Writes arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence	<b>Specific to grade 5: Write opinion pieces on topics or texts, supporting a point of view with reasons and information. a. Introduce topic clearly, state an opinion, and create an organizational structure in which ideas are logically groups to support the writer's purpose b. Provide logically ordered reasons that are supported by facts and details. c. Link opinion an dreasons using wors, phrases, and clauses d. Provide a concluding statement or section related to the opinion presented</b>

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Writes informative/explanatory texts that convey information clearly.	2. Write informative / explanatory texts to examine and convey complex ideas and information	Specific to grade 5: c. Link ideas within and across categories of information using words, phrases, and clauses (e.g., in contrast, especially) d. Use precise language and domain-specific vocab to inform about or explain the topic. e. Provide a concluding statement or section related to the info or explanation presented
Writes clear and coherent narratives - real or imagined events.	3. Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences	Specific to grade 5: a. Orient the reader by establishing a situation and introducing the narratos; organize an event sequence that unfold naturally b. Use
Experiments with author's craft in all types of writing	3A. Write fiction, personal reflections, poetry, and scripts that demonstrate awareness of literary concepts and genres.	
	<b>Production and Distribution of Writing</b>	
Develops and strengthens writing by planning, revising, editing	5. Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach	
	<b>Research to Build &amp; Present Knowledge</b>	
Conducts short research projects through investigation of a topic	7. Conduct short as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation.	
<b>Language – Grammar and Vocabulary – Speaking and Writing</b>		

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Uses the conventions of standard English grammar and usage		
Explains and understands parts of speech and their functions	1. Demonstrates command of the conventions of standard English grammar and usage when writing or speaking	
Uses conventions of English capitalization, punctuation, and spelling		
Chooses words and phrases for effect		4. (language) Determine or clarify the meaning of unknown and multiple-meaning words and phrases by using context clues, analyzing meaningful word parts, and consulting general and specialized reference materials, as appropriate(
<b>Word Solving Actions</b>		
Breaks words into syllables to read or write them		
Uses word parts to read or write a word		
<b>Listening and Speaking</b>		
Engages effectively in a range of collaborative discussions		collaborative = listening & speaking
Shares information in an organized, engaging way		Grade 5 Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate and relevant descriptive details to support main ideas or themes
<b>Effort in Literacy</b>		
<b>Mathematics</b>		
<b>Operations and Algebraic Thinking</b>		
Writes and interprets numerical expressions using parentheses		

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Generates and interprets patterns numerically and graphically		
<b>Number and Operation</b>		
Understands the place value system		
Fluently multiplies multi-digit whole numbers		
Divides whole numbers up to four-digits by two-digits		
Performs operations with multi-digit whole numbers and decimals		
<b>Fractions</b>		
Adds and subtracts fractions with unlike denominators		
Multiplies and divides fractions		
Solves real-world fraction problems of multiplication and division		
<b>Measurement and Data</b>		
Converts and uses measurement units to solve real-world problems		
Represents and interprets fractional units on a line plot		
Models and solves problems using volume		
Uses positive and negative integers to describe quantities		
<b>Geometry</b>		
Graphs points on the coordinate plane to solve problems		
Classifies two dimensional figures based on properties		
<b>Effort in Mathematics</b>		