

Merrimack School District: Guide for Families
End of Grade Five Expectations

Reading	Writing Continued
<p>Uses a variety of decoding and/or work analysis strategies</p> <ul style="list-style-type: none"> • Applies word analysis skills in decoding words • Determines the meaning of words and phrases using the following strategies: context clues, word and spelling patterns, Greek and Latin roots, relationships between words (i.e., synonyms and antonyms), and figurative language <p>Reads fluently with rate, accuracy, and/or expression</p> <ul style="list-style-type: none"> • Reads grade level text with accuracy, rate, and expression <p>Comprehends grade level text, both literary (i.e., fiction) and informational (i.e., nonfiction)</p> <ul style="list-style-type: none"> • Understands grade level literary text and demonstrates the following skills: quotes accurately, infers, compares and contrasts elements of text, determines theme or central idea, and summarizes • Understands grade level informational text and demonstrates the following skills: infers, identifies main idea, summarizes, identifies text structure, cites evidence, and synthesizes information from multiple sources <p>Identifies and analyzes story elements and literary devices across a variety of genres</p> <ul style="list-style-type: none"> • Analyzes elements in literary text, such as the following: theme, character, setting, events, figurative language, and point of view • Analyzes elements in informational text, such as the following: content-specific vocabulary and connections across texts 	<ul style="list-style-type: none"> • Writes narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences • Uses technology to produce and publish writing as well as to interact and collaborate with others <p>Evaluates, organizes, and revises to strengthen writing</p> <ul style="list-style-type: none"> • Develops and strengthens writing by planning, revising, and editing • Uses knowledge of language and its conventions when writing, speaking, reading, or listening <p>Conveys meaning through application of grammar, mechanics, and spelling</p> <ul style="list-style-type: none"> • Uses proper English grammar, capitalization, punctuation, and spelling when writing • Varies sentence structure • Compares and contrasts the varieties of English (i.e., dialects, informal versus formal language) <p>Writes routinely across content areas for a range of tasks, purposes, and audiences</p> <ul style="list-style-type: none"> • Writes routinely across content areas for a range of tasks, purposes, and audiences
Writing	Speaking and Listening
<p>Gathers information and generate ideas relative to task, purpose, and audience</p> <ul style="list-style-type: none"> • Gathers information from multiple sources • Summarizes or paraphrases information and provides a list of sources • Develops a topic with facts, definitions, concrete details, quotations or other information • Draws evidence from literary or informational texts <p>Produces clear and coherent writing as appropriate to task</p> <ul style="list-style-type: none"> • Writes opinion pieces on topics or texts, supporting a point of view with reasons and information • Writes informative/explanatory texts to examine a topic and conveys ideas and information clearly 	<p>Demonstrates positive listening habits</p> <ul style="list-style-type: none"> • Follows rules, sets goals, meets deadlines, and carries out assigned roles <p>Communicates ideas clearly and effectively</p> <ul style="list-style-type: none"> • Presents ideas at an understandable pace using appropriate and relevant details in groups of various sizes <p>Listens for and understands information from various sources</p> <p>Listens for relevant information and reviews key ideas from a variety of sources (e.g., discussion, multimedia, oral material)</p> <p>Makes relevant contributions during collaborative discussions</p> <ul style="list-style-type: none"> • Participates actively in a group discussion; asks relevant questions and contributes to the topic <p>Summarizes and synthesizes content to present in a variety of formats</p> <ul style="list-style-type: none"> • Reports on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts and relevant, descriptive details to support main ideas or themes • Included multimedia components when appropriate (e.g., presentation, audio recording, visual displays) • Understands when to use formal or informal English, • appropriate to the task and situation

Math	Science
<p>Recalls basic math facts with automaticity</p> <ul style="list-style-type: none"> Recalls basic math facts automatically <p>Computes with accuracy</p> <ul style="list-style-type: none"> Performs calculations (i.e., add, subtract, multiply, and divide multi-digit numbers) accurately and fluently <p>Uses a variety of efficient strategies and tools to solve problems accurately</p> <ul style="list-style-type: none"> Solves real world and mathematical problems with accuracy <p>Recognizes relationships and uses patterns</p> <ul style="list-style-type: none"> Writes and evaluates numerical expressions (i.e., express and solve the calculation "add 8 and 7, then multiply by 2" as $2 \times (8 + 7)$) Recognizes relationships between numbers and uses patterns (i.e., recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left) Applies concepts of place value to the thousandths place in order to identify and compare relationships in decimals (i.e., $.392 = 3 \times (.1) + 9 \times (.01) + 2 \times (.001)$) Understands that a fraction is a division problem such that the numerator is divided by the denominator (i.e., $2/4 = 2 \div 4$) Converts among different-sized standard measurement units within a given measurement system (i.e., convert 5 cm to 0.05 m) Understands coordinate systems <p>Constructs viable arguments and critiques the reasoning of others</p> <ul style="list-style-type: none"> Justifies conclusions and communicates mathematical thinking 	<p>Asks questions and defines problems</p> <p>Plans and conducts investigations</p> <p>Analyzes and interprets data</p> <p>Communicates findings</p> <p><u>Units Explored:</u></p> <ul style="list-style-type: none"> Earth/Space: Earth Movements Life: Human Body Systems Physical: Force and Motion
	Social Studies
	<p>Develops questions and plans inquiries</p> <p>Applies tools and concepts for civics, economics, geography, and/or history</p> <p>Evaluates resources and uses evidence</p> <p>Communicates conclusions and takes informed action</p> <p><u>Units Explored:</u></p> <ul style="list-style-type: none"> Exploration of North America English Colonization of North America American Revolution

Art	PE
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<p>Students will Investigate media, plan ideas, and create art.</p> <ul style="list-style-type: none"> • Develop ideas to create a work of art. • Investigate art materials and plan ideas for a work of art. • Engage and persist to create a work of art. • Practice new art skills and techniques. <p>Students will respond to artistic work.</p> <ul style="list-style-type: none"> • Reflect and/or respond to artwork based on knowledge and experiences. 	<p>Students will understand how to apply knowledge of movement concepts, principles, strategies, problem solving, and tactics.</p> <ul style="list-style-type: none"> • Demonstrates <ul style="list-style-type: none"> ○ movement concepts, principles, and knowledge (locomotor, non-locomotor, and manipulative skills) ○ various strategies, tactics, and communication in game-like situations (offense/defense, shot selection, varying speeds/direction, creating space) <p>Students will understand and practice the skills that will help maintain a healthy lifestyle</p> <ul style="list-style-type: none"> • Understands <ul style="list-style-type: none"> ○ benefits of being active and exercising and/or playing ○ benefits of physical activity ○ Recognize how physical activity affects the body (heart rate, breathing, etc.) ○ the importance of physical activity outside of physical education • Participates in Physical Education class
<p>Music</p>	
<p>Creates, revises, and evaluates musical works</p> <ul style="list-style-type: none"> • Generate and conceptualize artistic ideas and work. • Organize and develop artistic ideas and work. • Refine and complete artistic work. <p>Rehearses and presents musical ideas for performance</p> <ul style="list-style-type: none"> • Select, analyze, and interpret artistic work for presentation. • Develop and refine artistic techniques and work for presentation. • Convey meaning through the presentation of artistic work. <p>Responds to musical performances</p> <ul style="list-style-type: none"> • Perceive and analyze artistic work. • Interpret intent and meaning in artistic work. • Apply criteria to evaluate artistic work. • Synthesize and relate knowledge and personal experiences to art. • Relate artistic ideas and works with societal, cultural, and historical context to deepen understanding. 	<p>World Language</p> <p>Students will communicate, understand, and present information in the target language.</p> <ul style="list-style-type: none"> • Students can communicate in another language (asking and listening for information and saying how they feel) • Students can make sense of readings and spoken language. • Students can use spoken/written language to show what they know. • Students can use the language they are learning, to learn other things. • Students can see differences/similarities between another language and their own. • Students can explore their language interests outside of the classroom. <p>Students will demonstrate knowledge and understanding of other cultures.</p> <ul style="list-style-type: none"> • Students can understand how people in other cultures live/think. • Students can see differences/similarities between another culture and their own.