

**Merrimack School District Guide for Families:
End of Grade Four Expectations**

Reading	Writing
<p>Uses a variety of decoding and/or word analysis strategies</p> <ul style="list-style-type: none"> Reads unfamiliar words that have more than one syllable Determines or clarifies the meaning of unknown words or phrases using context clues, affixes, and roots Consults print and digital reference materials to find the pronunciation and meaning of words and phrases <p>Reads fluently with rate, accuracy, and/or expression</p> <ul style="list-style-type: none"> Reads fourth grade books with appropriate speed, accuracy, and expression to support understanding of the text <p>Comprehends grade level text, both literary (i.e., fiction) and informational (i.e., nonfiction)</p> <ul style="list-style-type: none"> Explains and/or summarizes a story or informational text by referring to details and examples in the text Makes connections between a written text and a visual or oral presentation of the same text Compares and contrasts how authors from different cultures, write about patterns of events (eg. the quest) and stories, myths, and traditional literature Uses details and examples from texts to draw inferences, determine theme, and describe characters, setting, and events Read about concepts, historical events, and scientific or technical procedures to explain and tell why they happened using evidence from the text Understands and uses information from charts, graphs, diagrams, time lines, animations or other internet presentations to help me explain my understanding of informational texts Explains how an author uses reasons and evidence to support ideas in informational texts Uses information from two different texts on the same topic to help write or speak confidently about the topic <p>Understands story elements and literary devices across a variety of genres.</p> <ul style="list-style-type: none"> Describes the organization (eg. time order, comparison, cause and effect or problem and solution) of events, ideas, concepts or information in informational texts Figures out the meanings of words and phrases across a variety of texts, including words that have been created from characters found in mythology (eg. Herculean) Compares and contrasts fiction and nonfiction texts by thinking about the points of view from which they are told, including first-hand (a person who was present) and second-hand (a person who was not present but was told) accounts Tells the difference between first and third person narrators Refers to specific elements of poems (verse, rhythm, meter), plays (characters, settings, descriptions, dialogue, stage directions) and fictional stories to write or talk about the texts and their differences Demonstrates an understanding of figurative language (simile, metaphor, idiom), word relationships (synonyms, antonyms) and nuances in word meanings (adages, proverbs) 	<p>Gathers information and generates ideas relative to task, purpose, and audience</p> <ul style="list-style-type: none"> Gathers facts, definitions, concrete details, quotations, or other information related to a topic Takes notes and categorize information, and provide a list of sources Uses evidence from the text to respond to literature and 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 convey ideas and information clearly 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 Use 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 speaking and writing <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 <p>Uses grade-appropriate language that is specific to a topic</p>
	<p style="text-align: center;">Speaking and Listening</p> <p>Demonstrates positive listening habits</p> <ul style="list-style-type: none"> Follows agreed-upon rules for discussion and carries out assigned rules Identifies evidence from a speaker to support ideas <p>Communicates ideas clearly and effectively</p> <ul style="list-style-type: none"> Thinks about key ideas in a discussion and explains new thinking Communicates using language appropriate to different context or situations <p>Listens for and understands information from various sources</p> <ul style="list-style-type: none"> Paraphrases text that is read aloud and/or information that is presented <p>Makes relevant contribution during collaborative discussion</p> <ul style="list-style-type: none"> Prepares for, and engages in, collaborative discussions Poses and responds to questions pertinent to the discussion <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, tells a story, or recounts an experience (e.g., presentation, audio recording, visual displays) Understands when to use formal or informal English, appropriate to the task and situation

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Math	Science
<p>Recalls basic math facts with automaticity</p> <ul style="list-style-type: none"> Recalls basic math facts with accuracy and fluency <p>Computes with accuracy</p> <ul style="list-style-type: none"> Understands relationships between numbers in all four mathematical operations (+ - x ÷) Multiplies and divides multi-digit numbers in isolation and in algebraic equations Solves word problems using all four mathematical operations. Adds and subtracts multi-digit whole numbers using the standard algorithm fluently Finds equivalent fractions, adds fractions, and multiplies a fraction by a whole number <p>Uses a variety of efficient strategies and tools to solve problems</p> <ul style="list-style-type: none"> Uses multiple methods to multiply and divide (i.e. equations, rectangular arrays, and area models) Uses an understanding of the four operations to solve word problems involving fractions, mixed numbers, and decimals Uses the four operations to solve word problems using a variety of units of measurement (time, length, capacity, weight/mass). Applies knowledge of area and perimeter to solve real world problems Makes a line plot to display a data set of measurements in fractions and uses the information to solve addition and subtraction problems Uses different methods to measure and draw angles (i.e. protractor and sum of angle measures) <p>Recognizes relationships and uses patterns</p> <ul style="list-style-type: none"> Generates a number or shape pattern that follows a given rule and identify apparent features Identifies and draws points, lines, line segments, rays, angles, and perpendicular and parallel lines Identifies line-symmetric figures and draw lines of symmetry Classifies two-dimensional figures based on lines and angles Compares fractions with like and unlike denominators; recognizes and generates equivalent fractions Compares decimals and justifies conclusions using symbols (<, >, =) and visual models Applies concepts of place value to identify relationships in whole numbers, fractions, and decimals Recognizes angles and understands concepts of angle measurement <p>Constructs viable arguments and critiques the reasoning of others</p> <ul style="list-style-type: none"> Constructs an argument to show evidence that supports an answer including, a visual model (e.g., bar diagram, array, drawing) and/or equation, the solution to a problem and an explanation of thinking Uses evidence to construct an argument that critiques the reasoning of others including a visual model (e.g., bar diagram, array, drawing) and/or equation, the solution to a problem, and an explanation of thinking 	<p>Asks questions and defines problems Plans and conducts investigations Analyzes and interprets data Communicates findings <u>Units Explored:</u></p> <ul style="list-style-type: none"> Earth/Space: Geology Life: Structures of the Human Body <p>Physical: Forms of Energy</p>
	<p style="text-align: center;">Social Studies</p> <p>Develops questions and plans inquiries Applies tools and concepts for civics, economics, geography and/or history Evaluates resources and uses evidence Communicates conclusions and takes informed action <u>Units Explored:</u></p> <ul style="list-style-type: none"> Elections and Government NH History NH Geography US Regions

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Art	PE
<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 demonstrate competency in a variety of skills and movement patterns</p> <ul style="list-style-type: none"> • Performs <ul style="list-style-type: none"> ○ locomotor skills (walking, running, hopping, jumping, sliding, skipping, galloping, leaping) ○ non-locomotor skills (spatial awareness, stretching, balancing, etc.) ○ manipulative skills/controls an object with your body (underhand and overhand throwing, catching, kicking, etc.)
Music	
<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>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