

MSAD 54 Graduation Standards

Updated 6-3-2017

<u>Content Area</u>	<u>Heading</u>	<u>Graduation Standard</u>
English Language Arts	<u>Heading</u>	<u>Graduation Standard</u>
	1 Reading	<i>Students will be able to read, comprehend, and interpret literary and informational texts independently.</i>
	2 Writing Informational and Narrative Texts	<i>Students will be able to produce clear and coherent informative and narrative writing for a range of tasks, purposes, and audiences.</i>
	3 Writing Arguments	<i>Students will be able to write clear and coherent arguments for a range of tasks, purposes, and audiences.</i>
	4 Writing Process/Language	<i>Students will be able to develop and strengthen writing and language skills.</i>
	5 Research	<i>Students will be able to conduct short and/or sustained research based on focused questions, demonstrating understanding of the subject under investigation.</i>
	6 Speaking & Listening	<i>Students will be able to initiate and participate effectively in a range of discussions; and present information effectively, conveying a clear and distinct perspective.</i>
Social Studies	<u>Heading</u>	<u>Graduation Standard</u>
	1 Applications	<i>Students will be able to research, present, and defend conclusions drawn from social studies discipline-based tools (eg: reading maps, analyzing primary source documents, citing sources, etc.)</i>
	2 Civic Engagement	<i>Students will be able to demonstrate how the qualities of a responsible and involved citizen can impact local, regional, and national issues.</i>
	3 Government	<i>Students will be able to analyze relationships between citizens and government in the past and the present in Maine, the United States, or the world by demonstrating an understanding of the American political system, founding documents, and constitutional government.</i>
	4 Economics	<i>Students will be able to apply the concepts, processes, and implications of economics to issues of production, distribution, and consumption and their local and global impact.</i>
	5 Geography	<i>Students will be able to analyze the physical, human, and environmental geography of various regions of the world to evaluate the relationships and the challenges facing human systems.</i>
	6 History	<i>Students will be able to apply and demonstrate knowledge of major eras, enduring themes, turning points, and historic influences to analyze the forces of continuity and change.</i>

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Mathematics	<u>Heading</u>	<u>Graduation Standard</u>
	1 Algebra	<i>Students will be able to interpret and represent situations by creating and solving equations and inequalities.</i>
	2 Number & Quantity	<i>Students will be able to reason and model quantitatively, using units and number systems to solve problems.</i>
	3 Functions	<i>Students will be able to model, interpret, and analyze functions in a variety of situations.</i>
	4 Statistics & Probability	<i>Students will be able to interpret and apply statistics and probability to analyze data and justify conclusions.</i>
	5 Geometry	<i>Students will be able to understand and apply geometric theorems.</i>
Science	<u>Heading</u>	<u>Graduation Standard</u>
	1 Models	<i>Students will be able to develop and use different types of models (diagrams, physical replicas, mathematical representations, analogies, and/or computer simulations) to represent a system, to aid in the development of questions and explanations, to generate data, and/or to communicate ideas to others.</i>
	2 Investigations	<i>Students will be able to plan and conduct investigations and/or experiments to generate data as evidence to support or refute claims.</i>
	3 Mathematics & Data Analysis	<i>Students will be able to use mathematics to represent physical variables and their relationships, to make predictions, to organize data, and/or to develop and use models of systems (equations, tables, graphs, charts, algorithms, simulations).</i>
	4 Explanations & Solutions	<i>Students will be able to apply scientific ideas, principles, and/or evidence to provide an explanation of phenomena and/or solve design problems.</i>
	5 Argument	<i>Students will be able to use argument as a process for developing, comparing, and evaluating claims using evidence and reasoning.</i>

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Guiding Principles	<u>Heading</u>	<u>Graduation Standard</u>
	1 Clear and Effective communicator	<i>Students will be skilled at using a variety of modes to construct and convey meaning for a variety of purposes.</i>
	2 Self-Directed and Lifelong Learner	<i>Students will be skilled at embracing and nurturing personal and academic growth.</i>
	3 Creative and Practical Problem Solver	<i>Students will be skilled in selecting and applying a process of problem-solving to deepen understanding and determine an appropriate solution.</i>
	4 A Responsible and Involved Citizen	<i>Students will be skilled at working with others within and across communities.</i>
5 An Integrative and Informed Thinker	<i>Students will be skilled at using complex reasoning processes to make meaning.</i>	