

## Matrix –State and National Information Literacy Outcomes and Standards

Maryland Performance Indicators School Library Media (2010)	Maryland Library Media Learning Outcomes (1991)	AASL/AECT: Information Power: Building Partnerships (1998)	Maryland Technology Literacy Standards for Students (2007)	AASL Standards for the 21 <sup>st</sup> Century Learner (Fall 2007)
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<p><b>Performance Indicator 1:</b> Define and Refine Problem or Question: Follow an inquiry process to define a problem, formulate questions, and refine either or both to meet a personal and/or assigned information need.</p>	<p><b>Outcome 1:</b> Locate and use information resources effectively and efficiently.</p>	<p><b>Standard 1:</b> ...accesses information efficiently and effectively.</p>	<p><b>Standard 6.0</b> – Technology for Problem-Solving and Decision-Making: Demonstrate ability to use technology and develop strategies to solve problems and make informed decisions</p>	<p><b>Standard 1:</b> Inquire, think critically, and gain knowledge.</p>
<p><b>Performance Indicator 2:</b> Locate and Evaluate Resources and Sources: Follow an inquiry process to identify, locate, evaluate, and select resources and sources in a wide variety of formats to meet the information need in an ethical manner.</p>	<p><b>Outcome 1:</b> Locate and use information resources effectively and efficiently.</p> <p><b>Outcome 2:</b> Review, evaluate and select media.</p> <p><b>Outcome 4:</b> Comprehend content in various types of media.</p> <p><b>Outcome 8:</b> Apply ethical behavior to use of information.</p>	<p><b>Standard 1:</b> ...accesses information efficiently and effectively.</p> <p><b>Standard 2:</b> ...evaluates information critically and competently.</p> <p><b>Standard 6:</b> ...strives for excellence in information seeking and knowledge generation.</p> <p><b>Standard 8:</b> ... practices ethical behavior in regard to information and information technology.</p>	<p><b>Standard 2.0</b> – Digital Citizenship: Demonstrate an understanding of the history of technology and its impact on society, and practice ethical, legal, and responsible use of technology to assure safety.</p> <p><b>Standard 5.0</b> – Technology for Information Use and Management: Use technology to locate, evaluate, gather, and organize information</p> <p><b>Standard 6.0</b> – Technology for Problem-Solving and Decision-Making: Demonstrate ability to use technology and develop strategies to solve problems and make informed decisions</p>	<p><b>Standard 1:</b> Inquire, think critically, and gain knowledge.</p>

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<p><b>Performance Indicator 3:</b> Find, Generate, Record, and Organize Data/Information: Follow an inquiry process to find, generate, record, and organize information relevant to the information need in an ethical manner.</p>	<p><b>Outcome 1:</b> Locate and use information resources effectively and efficiently.</p> <p><b>Outcome 3:</b> Apply reading, research, and critical thinking skills to organize and synthesize information.</p> <p><b>Outcome 4:</b> Comprehend content in various types of media.</p> <p><b>Outcome 5:</b> Retrieve and manage information.</p> <p><b>Outcome 8:</b> Apply ethical behavior to use of information.</p>	<p><b>Standard 1:</b> ...access information efficiently and effectively.</p> <p><b>Standard 2:</b> ...evaluates information critically and competently.</p> <p><b>Standard 6:</b> ...strives for excellence in information seeking and knowledge generation.</p> <p><b>Standard 8:</b> ... practices ethical behavior in regard to information and information technology.</p>	<p><b>Standard 2.0 – Digital Citizenship:</b> Demonstrate an understanding of the history of technology and its impact on society, and practice ethical, legal, and responsible use of technology to assure safety.</p> <p><b>Standard 3.0 – Technology for Learning and Collaboration:</b> Use a variety of technologies for learning and collaboration</p> <p><b>Standard 5.0 – Technology for Information Use and Management:</b> Use technology to locate, evaluate, gather, and organize information.</p> <p><b>Standard 6.0 – Technology for Problem-Solving and Decision-Making:</b> Demonstrate ability to use technology and develop strategies to solve problems and make informed decisions</p>	<p><b>Standard 1:</b> Inquire, think critically, and gain knowledge.</p>
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<p><b>Performance Indicator 4:</b> Interpret Recorded Data/Information: Follow an inquiry process to interpret recorded data/information to create new understandings and knowledge related to the information need in an ethical manner.</p>	<p><b>Outcome 3:</b> Apply reading, research, and critical thinking skills to organize and synthesize information.</p> <p><b>Outcome 4:</b> Comprehend content in various types of media.</p> <p><b>Outcome 8:</b> Apply ethical behavior to use of information.</p>	<p><b>Standard 2:</b> ...evaluates information critically and competently.</p> <p><b>Standard 3:</b> ...uses information accurately and creatively.</p> <p><b>Standard 6:</b> ...strives for excellence in information seeking and knowledge generation.</p> <p><b>Standard 8:</b> ... practices ethical behavior in regard to information and information technology.</p> <p><b>Standard 9:</b> ...participates effectively in groups to pursue and generate information.</p>	<p><b>Standard 3.0 – Technology for Learning and Collaboration:</b> Use a variety of technologies for learning and collaboration</p> <p><b>Standard 6.0 – Technology for Problem-Solving and Decision-Making:</b> Demonstrate ability to use technology and develop strategies to solve problems and make informed decisions</p>	<p><b>Standard 2:</b> Draw conclusions, make informed decisions, apply knowledge to new situations, and create new knowledge.</p>
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<p><b>Performance Indicator 5:</b> Share Findings/Conclusions: Follow an inquiry process to share findings/conclusions in an appropriate format to support written, oral, and multimedia information products and evaluate the products and the processes in an ethical manner.</p>	<p><b>Outcome 3:</b> Apply reading, research, and critical thinking skills to communicate new understandings.</p> <p><b>Outcome 7:</b> Create materials in various formats.</p> <p><b>Outcome 8:</b> Apply ethical behavior to use of information.</p>	<p><b>Standard 3:</b> ...uses information accurately and creatively.</p> <p><b>Standard 6:</b> ...strives for excellence in information seeking and knowledge generation.</p> <p><b>Standard 8:</b> ... practices ethical behavior in regard to information and information technology.</p> <p><b>Standard 9:</b> ...participates effectively in groups to pursue and generate information.</p>	<p><b>Standard 3.0 – Technology for Learning and Collaboration:</b> Use a variety of technologies for learning and collaboration</p> <p><b>Standard 4.0 – Technology for Communication and Expression:</b> Use technology to communicate information and express ideas using various media formats</p> <p><b>Standard 6.0 – Technology for Problem-Solving and Decision-Making:</b> Demonstrate ability to use technology and develop strategies to solve problems and make informed decisions</p>	<p><b>Standard 3:</b> Share knowledge and participate ethically and productively as members of our democratic society.</p>
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<p><b>Performance Indicator 6:</b> Appreciate Literature and Life-long Learning: Demonstrate an appreciation of literature and multimedia as a reflection of human experience and use the inquiry process for life-long learning.</p>	<p><b>Outcome 6:</b> Demonstrate an appreciation of literature and other creative expressions as a source of information and recreation.</p>	<p><b>Standard 4:</b> ...pursues information related to personal interests.</p> <p><b>Standard 5:</b> ...appreciates literature and other creative expressions of information.</p> <p><b>Standard 7:</b> ... recognizes the importance of information in a democratic society.</p>	<p><b>Standard 3.0 – Technology for Learning and Collaboration:</b> Use a variety of technologies for learning and collaboration</p> <p><b>Standard 5.0 – Technology for Information Use and Management:</b> Use technology to locate, evaluate, gather, and organize information</p>	<p><b>Standard 4:</b> Pursue personal and aesthetic growth.</p>
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