

Matrix – MSDE Curriculum, State, and National Information Literacy Outcomes and Standards

| Maryland Library Media State Curriculum (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 21st Century Learner (Fall 2007) |
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| <p>Content Standard 1: 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>Outcome 1: Locate and use information resources effectively and efficiently.</p> | <p>Standard 1: ...accesses information efficiently and effectively.</p> | <p>Standard 6.0 – Technology for Problem-Solving and Decision-Making: Demonstrate ability to use technology and develop strategies to solve problems and make informed decisions.</p> | <p>Standard 1: Inquire, think critically, and gain knowledge.</p> |
| <p>Content Standard 2: 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>Outcome 1: Locate and use information resources effectively and efficiently.</p> <p>Outcome 2: Review, evaluate and select media.</p> <p>Outcome 4: Comprehend content in various types of media.</p> <p>Outcome 8: Apply ethical behavior to use of information.</p> | <p>Standard 1: ...accesses information efficiently and effectively.</p> <p>Standard 2: ...evaluates information critically and competently.</p> <p>Standard 6: ...strives for excellence in information seeking and knowledge generation.</p> <p>Standard 8: ... practices ethical behavior in regard to information and information technology.</p> | <p>Standard 2.0 – 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>Standard 5.0 – Technology for Information Use and Management: Use technology to locate, evaluate, gather, and organize information.</p> <p>Standard 6.0 – Technology for Problem-Solving and Decision-Making: Demonstrate ability to use technology and develop strategies to solve problems and make informed decisions.</p> | <p>Standard 1: Inquire, think critically, and gain knowledge.</p> |

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| <p>Content Standard 3: 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>Outcome 1: Locate and use information resources effectively and efficiently.</p> <p>Outcome 3: Apply reading, research, and critical thinking skills to organize and synthesize information.</p> <p>Outcome 4: Comprehend content in various types of media.</p> <p>Outcome 5: Retrieve and manage information.</p> <p>Outcome 8: Apply ethical behavior to use of information.</p> | <p>Standard 1: ...access information efficiently and effectively.</p> <p>Standard 2: ...evaluates information critically and competently.</p> <p>Standard 6: ...strives for excellence in information seeking and knowledge generation.</p> <p>Standard 8: ... practices ethical behavior in regard to information and information technology.</p> | <p>Standard 2.0 – 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>Standard 3.0 – Technology for Learning and Collaboration: Use a variety of technologies for learning and collaboration</p> <p>Standard 5.0 – Technology for Information Use and Management: Use technology to locate, evaluate, gather, and organize information.</p> <p>Standard 6.0 – Technology for Problem-Solving and Decision- Making: Demonstrate ability to use technology and develop strategies to solve problems and make informed decisions.</p> | <p>Standard 1: Inquire, think critically, and gain knowledge.</p> |

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| <p>Content Standard 4: 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>Outcome 3: Apply reading, research, and critical thinking skills to organize and synthesize information.</p> <p>Outcome 4: Comprehend content in various types of media.</p> <p>Outcome 8: Apply ethical behavior to use of information.</p> | <p>Standard 2: ...evaluates information critically and competently.</p> <p>Standard 3: ...uses information accurately and creatively.</p> <p>Standard 6: ...strives for excellence in information seeking and knowledge generation.</p> <p>Standard 8: ... practices ethical behavior in regard to information and information technology.</p> <p>Standard 9: ...participates effectively in groups to pursue and generate information.</p> | <p>Standard 3.0 – Technology for Learning and Collaboration: Use a variety of technologies for learning and collaboration.</p> <p>Standard 6.0 – Technology for Problem-Solving and Decision- Making: Demonstrate ability to use technology and develop strategies to solve problems and make informed decisions.</p> | <p>Standard 2: Draw conclusions, make informed decisions, apply knowledge to new situations, and create new knowledge.</p> |

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| <p>Content Standard 5: 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>Outcome 3: Apply reading, research, and critical thinking skills to communicate new understandings.</p> <p>Outcome 7: Create materials in various formats.</p> <p>Outcome 8: Apply ethical behavior to use of information.</p> | <p>Standard 3: ...uses information accurately and creatively.</p> <p>Standard 6: ...strives for excellence in information seeking and knowledge generation.</p> <p>Standard 8: ... practices ethical behavior in regard to information and information technology.</p> <p>Standard 9: ...participates effectively in groups to pursue and generate information.</p> | <p>Standard 3.0 – Technology for Learning and Collaboration: Use a variety of technologies for learning and collaboration.</p> <p>Standard 4.0 – Technology for Communication and Expression: Use technology to communicate information and express ideas using various media formats.</p> <p>Standard 6.0 – Technology for Problem-Solving and Decision- Making: Demonstrate ability to use technology and develop strategies to solve problems and make informed decisions.</p> | <p>Standard 3: Share knowledge and participate ethically and productively as members of our democratic society.</p> |

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| <p>Content Standard 6: 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>Outcome 6: Demonstrate an appreciation of literature and other creative expressions as a source of information and recreation.</p> | <p>Standard 4: ...pursues information related to personal interests.</p> <p>Standard 5: ...appreciates literature and other creative expressions of information.</p> <p>Standard 7: ... recognizes the importance of information in a democratic society.</p> | <p>Standard 3.0 – Technology for Learning and Collaboration: Use a variety of technologies for learning and collaboration</p> <p>Standard 5.0 – Technology for Information Use and Management: Use technology to locate, evaluate, gather, and organize information</p> | <p>Standard 4: Pursue personal and aesthetic growth.</p> |