

Big6™ Skills Aligned with ICT Literacy and Content Standards

Big6™ Skill	Standards for the 21 st -Century Learner (AASL, 2007)	NETS-S (ISTE 2007)	OR Content Standards	WA EALRs and GLEs
<p>1. Task Definition</p>	<p>1.1.3 Develop and refine a range of questions to frame the search for new understanding. 1.2.1 Display initiative and engagement by posing questions and investigating the answers beyond the collection of superficial facts.</p>	<p>3a. plan strategies to guide inquiry. 4a. identify and define authentic problems and significant questions for investigation. 4b. plan and manage activities to develop a solution or complete a project.</p>	<p>EL.06.WR.25 Write research reports: Pose relevant questions that are focused enough to be thoroughly answered in the report. SC.08.SI.01 Based on observations and scientific concepts, ask questions or form hypotheses that can be explored through scientific investigations.</p>	<p>SCIENCE EALR 2: INQUIRY: The student knows and applies the skills, processes, and nature of scientific inquiry. SOCIAL STUDIES: GLE 5.2.1 Creates and uses a research question to conduct research on an issue or event.</p>
<p>2. Information Seeking Strategies</p>	<p>1.1.4 Find, evaluate, and select appropriate sources to answer questions. 1.1.5 Evaluate information found in selected sources on the basis of accuracy, validity, appropriateness for needs, importance, and social and cultural context.</p>	<p>3c. evaluate and select information sources and digital tools based on the appropriateness to specific tasks.</p>	<p>SS.08.HS.04 Evaluate data within the context it was created, testing its reliability, credibility, and bias. EL.06.WR.25 Write research reports: Identify credible sources.</p>	<p>EALR 5. SOCIAL STUDIES SKILLS The student understands and applies reasoning skills to conduct research, deliberate, form, and evaluate positions through the processes of reading, writing, and communicating. READING: GLE 2.3.2. Evaluate informational materials, including electronic sources, for effectiveness.</p>

<p>3. Location and Access</p>	<p>1.1.8 Demonstrate mastery of technology tools for accessing information and pursuing inquiry. 1.3.2 Seek divergent perspectives during information gathering and assessment.</p>	<p>3b. locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.</p>	<p>SS.CM.SA.02 Gather, analyze, use, and document information from various sources, distinguishing facts, opinions, inferences, biases, stereotypes, and persuasive appeals.</p>	<p>WRITING: GLE 1.1.1. Applies more than one strategy for generating ideas and planning writing. ● EOL - Gathers information from a range of resources and uses an organizer to analyze, synthesize, and/or evaluate information to plan writing.</p>
<p>4. Use of Information</p>	<p>1.1.7 Make sense of information gathered from diverse sources by identifying misconceptions, main and supporting ideas, conflicting information, and point of view or bias. 2.1.1 Apply critical-thinking skills (analysis, synthesis, evaluation, organization) to information and knowledge. 1.3.3 Follow ethical and legal guidelines in gathering and using information.</p>	<p>4c. collect and analyze data to identify solutions and/or make informed decisions. 5a. advocate and practice safe, legal, and responsible use of information and technology.</p>	<p>SS.05.SA.02 Gather, use, and document information from multiple sources (e.g. print, electronic, human, primary, secondary). EL.05.WR.26 Write research reports about ideas, issues, or events: Use a variety of information sources; Cite references appropriately.</p>	<p>READING: EALR 2.3. Expand comprehension by analyzing, interpreting, and synthesizing information and ideas in literary and informational text. WRITING: GLE 3.3.8. Applies conventional forms for citations. ● EOL - Cites sources in research using a bibliographic format.</p>
<p>5. Synthesis</p>	<p>2.1.4 Use technology and other information tools to analyze and organize information. 3.1.4 Use technology and other information tools to organize and display knowledge and understanding in ways that others can view, use, and assess.</p>	<p>2a. interact, collaborate, and publish with peers, experts or others employing a variety of digital environments and media. 2b. communicate information and ideas effectively to multiple audiences using a variety of media and formats.</p>	<p>CCG Writing: Communicate supported ideas across the subject areas, including relevant examples, facts, anecdotes, and details appropriate to audience and purpose that engage reader interest.</p>	<p>WRITING: EALR 2. The student writes in a variety of forms for different audiences and purposes. COMMUNICATION: EALR 3. The student uses communication skills and strategies to effectively present</p>

			EL.05.WR.10 Write for different purposes and to a specific audience or person, adjusting tone and style as appropriate.	ideas and one's self in a variety of situations.
6. Evaluation	<p>3.4.1 Assess the processes by which learning was achieved in order to revise strategies and learn more effectively in the future.</p> <p>3.4.2 Assess the quality and effectiveness of the learning product.</p>	<p>1a. apply existing knowledge to generate new ideas, products, or processes.</p> <p>5b. exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity.</p>		

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