

6-8 Science Content Area Literacy (CAL)

68.CAL.1.1	<p>Use a variety of primary and secondary sources to engage in subject-specific reading and evidence-based oral and written communication.</p> <ul style="list-style-type: none">a. Accurately use discipline specific vocabulary.b. Identify and summarize main ideas and key details from oral and written communication.c. Access, create, publish, and share multimedia texts through a variety of digital formats. <p>Remarks: This benchmark supports all 6-8 science CAL benchmarks.</p>
68.CAL.1.2	<p>Evaluate sources to determine authenticity, bias, credibility, reliability, validity, and limitations.</p>
68.CAL.1.3	<p>Compare evidence from multiple perspectives to determine what is credible and accurate and identify differences in the information presented.</p>
68.CAL.1.4	<p>Identify and explain scientific patterns, theories and laws.</p> <p>Remarks: Included in grade 6-8 NGSSS science standards.</p>
68.CAL.1.5	<p>Develop a testable question based on real-world experiences to create step-by-step procedures and document results.</p>
68.CAL.1.6	<p>Complete precise, multi-step investigations to test and explain patterns and scientific theories of the natural world.</p>
68.CAL.1.7	<p>Evaluate experimental data to gain understanding and make conclusions; explain the research findings using graphs or tables to display data.</p>
68.CAL.1.8	<p>Analyze information expressed in a flowchart, diagram, model, graph, table, schematic or other visual format to inform decision-making and problem-solving.</p>
68.CAL.1.9	<p>Present, support and defend claims or findings using reasoning and relevant evidence.</p>
68.CAL.1.10	<p>Evaluate scientific explanations through comparison of current evidence and related predictions about the natural world.</p>
68.CAL.1.11	<p>Engage in scientific discourse to make sense of scientific phenomena and ideas.</p> <p>Remarks: Included in grade 6-8 NGSSS science standards.</p>

9-12 Science Content Area Literacy (CAL)

912.CAL.1.1	<p>Use a variety of primary and secondary sources to engage in subject-specific reading and evidence-based oral and written communication.</p> <ul style="list-style-type: none">a. Accurately use discipline specific vocabulary.b. Identify and summarize main ideas and key details from oral and written communication.c. Access, create, publish, and share multimedia texts through a variety of digital formats. <p>Remarks: This benchmark supports all 9-12 science CAL benchmarks.</p>
912.CAL.1.2	<p>Evaluate sources to determine authenticity, bias, credibility, reliability, validity, and limitations.</p>
912.CAL.1.3	<p>Evaluate evidence from multiple perspectives to determine what is credible and accurate and compare similarities and differences in the information presented.</p>
912.CAL.1.4	<p>Identify and explain scientific patterns, theories and laws.</p> <p>Remarks: Included in grade 9-12 science standards.</p>
912.CAL.1.5	<p>Develop a testable question based on real-world experiences to create step-by-step procedures and document results.</p>
912.CAL.1.6	<p>Complete precise, multi-step investigations to test and explain patterns and scientific theories of the natural world.</p>
912.CAL.1.7	<p>Evaluate experimental data to gain understanding and make conclusions; explain the research findings using graphs or tables to display data.</p>
912.CAL.1.8	<p>Analyze information expressed in a flowchart, diagram, model, graph, table, schematic or other visual format to inform decision-making and problem-solving.</p>
912.CAL.1.9	<p>Present, support and defend claims or findings of an investigation using reasoning and relevant evidence.</p>
912.CAL.1.10	<p>Evaluate scientific explanations through comparison of current evidence and related predictions about the natural world.</p>
912.CAL.1.11	<p>Engage in scientific discourse to make sense of scientific phenomena and ideas.</p> <p>Remarks: Included in grade 9-12 science standards.</p>

6-8 Social Studies Content Area Literacy (CAL)

68.CAL.1.1	<p>Use a variety of primary and secondary sources to engage in subject-specific reading and evidence-based oral and written communication.</p> <p>a. Accurately use discipline specific vocabulary.</p> <p>b. Identify and summarize main ideas and key details from oral and written communication.</p> <p>c. Access, create, publish, and share multimedia texts through a variety of digital formats.</p> <p>Remarks: This benchmark supports all 6-8 social studies S CAL benchmarks.</p>
68.CAL.1.2	<p>Evaluate sources to determine authenticity, bias, credibility, reliability, validity, and limitations.</p>
68.CAL.1.3	<p>Compare evidence from multiple perspectives to determine what is credible and accurate; identify differences in the information presented.</p>
68.CAL.1.4	<p>Distinguish between fact, opinion, and reasoned judgement for the purpose of becoming a civic-minded critical thinker.</p> <p>Remarks: Students are prepared to become civically engaged and knowledgeable adults who make positive contributions to their communities.</p>
68.CAL.1.5	<p>Analyze sources and events in their historical context.</p>
68.CAL.1.6	<p>Identify arguments presented in primary and secondary sources; evaluate the quality of each argument by considering the evidence used by the author to support it.</p>
68.CAL.1.7	<p>Identify and infer cause and effect relationships presented in primary and secondary sources.</p>
68.CAL.1.8	<p>Generate broad questions about the past based on contemporary issues and problems; develop an evidence-based response to each question.</p>
68.CAL.1.9	<p>Identify patterns of continuity and/or change over time; use examples and evidence from primary and secondary sources to illustrate these patterns.</p>
68.CAL.1.10	<p>Apply evidence and reasoning to challenge an argument.</p>
68.CAL.1.11	<p>Apply evidence from primary and secondary sources to develop and support an argument.</p>
68.CAL.1.12	<p>Apply data from charts, tables, timelines, diagrams, graphs, maps and images to develop and support an argument.</p>
68.CAL.1.13	<p>Analyze evidence from primary and secondary sources to explain the relationship between historical events, actions, personalities, or concepts.</p>
68.CAL.1.14	<p>Apply evidence from primary and secondary sources to examine historical problems, patterns, events, actions, or issues.</p>

9-12 Social Studies Content Area Literacy (CAL)

912.CAL.1.1	<p>Use a variety of primary and secondary sources to engage in subject-specific reading and evidence-based oral and written communication.</p> <p>a. Accurately use discipline specific vocabulary.</p> <p>b. Identify and summarize main ideas and key details from oral and written communication.</p> <p>c. Access, create, publish, and share multimedia texts through a variety of digital formats.</p> <p>Remarks: This benchmark supports all 9-12 social studies CAL benchmarks.</p>
912.CAL.1.2	<p>Evaluate sources to determine authenticity, bias, credibility, reliability, validity, and limitations.</p>
912.CAL.1.3	<p>Evaluate evidence from multiple perspectives to determine what is credible and accurate; compare similarities and differences in the information presented.</p>
912.CAL.1.4	<p>Distinguish between fact, opinion, and reasoned judgement for the purpose of becoming a civic-minded critical thinker; apply civic-minded thinking to solve a standards-based problem.</p> <p>Remarks: Students are prepared to become civically engaged and knowledgeable adults who make positive contributions to their communities.</p>
912.CAL.1.5	<p>Analyze sources and events in their historical context; explain how the conditions (e.g. political, economic, social, religious, cultural, intellectual) of a time and place contribute to the historical context.</p>
912.CAL.1.6	<p>Analyze arguments presented in primary and secondary sources; evaluate the quality of each argument by considering the authors evidence, reasoning, and credibility.</p>
912.CAL.1.7	<p>Identify and infer cause and effect relationships presented in primary and secondary sources; distinguish causal connections from those that are only sequential.</p>
912.CAL.1.8	<p>Generate broad questions about the past based on contemporary issues and problems; develop evidence-based responses supported by multiple primary and secondary sources.</p>
912.CAL.1.9	<p>Identify patterns of continuity and/or change over time, citing evidence to illustrate these patterns.</p> <p>a. Explain how these changes (or lack thereof) have affected different institutions or groups of people.</p>
912.CAL.1.10	<p>Apply evidence and reasoning from multiple sources to challenge an argument; produce an evidence-based counter argument.</p>
912.CAL.1.11	<p>Apply evidence from multiple primary and secondary sources to develop and support an argument; present a counter argument.</p>
912.CAL.1.12	<p>Synthesize data from charts, tables, timelines, diagrams, graphs, maps and images to develop and support an argument.</p>
912.CAL.1.13	<p>Synthesize evidence from multiple primary and secondary sources to explain the relationship between historical events, actions, personalities, or concepts.</p>
912.CAL.1.14	<p>Synthesize evidence from multiple primary and secondary sources to draw conclusions about historical problems, patterns, events, actions, or issues.</p>