

Grade 11-12 Literacy in the Content Areas Toolkit

Standards and Site Links	CPALMS Lesson Plans & CPALMS Related Resources
<p>Strand: LAFS.1112.RH: Reading Standards for Literacy in History/Social Studies 11-12</p>	
<ul style="list-style-type: none"> • LAFS.1112.RH.1.1 Cite specific textual evidence to support analysis of primary and secondary sources, connecting insights gained from specific details to an understanding of the text as a whole. Cluster: Key Ideas and Details Content Complexity: Level 2: Basic Application of Skills & Concepts 	<p>Lesson Plan: Comparing and Contrasting Robber Barons with Modern Entrepreneurs</p> <p>Teaching Idea: Constitution Clip Quest</p> <p>Tutorial: The Power of Words: Lincoln’s Second Inaugural Address</p> <p>Webquest: The Law is in Our Favor! Civil Rights Legislation</p>
<ul style="list-style-type: none"> • LAFS.1112.RH.1.2 Determine the central ideas or information of a primary or secondary source: provide an accurate summary of the source distinct from prior knowledge or opinions Cluster: Key Ideas and Details Content Complexity: Level 2: Basic Application of Skills & Concepts 	<p>Lesson Plan: Analyzing the Impact of Uncle Tom’s Cabin</p> <p>Lesson Plan: Close Reading Exemplar: The Long Night of Little Boats</p> <p>Tutorial: Analyzing the Declaration of Independence</p>
<ul style="list-style-type: none"> • LAFS.1112.RH.1.3 Evaluate various explanations for actions or events and determine which explanation best accords with textual evidence, acknowledging where the text leaves matters uncertain. Cluster: Key Ideas and Details Content Complexity: Level 2: Basic Application of Skills & Concepts 	<p>Lesson Plan: Poverty in America</p> <p>Lesson Plan: Reading Like a Historian: Anti-Vietnam War Movement</p> <p>Teaching Idea: Constitution Clip Quest</p>
<ul style="list-style-type: none"> • LAFS.1112.RH.2.4 Determine the meaning of words and phrases as they are used in a text, including analyzing how an author uses and refines the meaning of a key term over the course of a text (e.g., how Madison defines <i>faction</i> in <i>Federalist</i> No. 10). Cluster: Craft and Structure Content Complexity: Level 2: Basic Application of Skills & Concepts 	<p>Teaching Idea: Close Reading Exemplar: The Gospel of Wealth</p> <p>Text Resources: What was Jim Crow? Pre-reading Essay Activity</p>
<ul style="list-style-type: none"> • LAFS.1112.RH.2.5 Analyze in detail how a complex primary source is structured, including how key sentences, paragraphs, and larger portions of the text contribute to the whole. Cluster: Craft and Structure Content Complexity: Level 3: Strategic Thinking and Complex Reasoning 	<p>Lesson Plan: If at First you Don’t Succeed: Drafting the Declaration of Independence</p> <p>Student Tutorial: What Is an American? Evaluating the Structure of an Argument-Part Three</p>

Grade 11-12 Literacy in the Content Areas Toolkit

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<ul style="list-style-type: none"> • LAFS.1112.H.2.6 Evaluate authors’ differing points of view on the same historical event or issue by assessing the authors’ claims, reasoning, and evidence. Cluster: Craft and Structure Content Complexity: Level 3: Strategic Thinking and Complex Reasoning 	<p>Lesson Plan: Railroads Change Florida: Governor Milton vs. David Yulee: A Structured Academic</p> <p>Lesson Plan: Reading Like a Historian: Stamp Act</p> <p>Lesson Plan: Reading Like a Historian: John Brown</p>
<ul style="list-style-type: none"> • LAFS.1112.RH.3.7 Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, as well as in words) in order to address a question or solve a problem. Cluster: Integration of Knowledge and Ideas Content Complexity: Level 3: Strategic Thinking & Complex Reasoning 	<p>Lesson Plan: Where is the Love? Civil Rights in America</p> <p>Lesson Plan: Reading Like a Historian: Anti-Suffragists</p> <p>WebQuest: The Law is in Our Favor! Civil Rights Legislation</p>
<ul style="list-style-type: none"> • LAFS.1112.RH.3.8 Evaluate an author’s premises, claims, and evidence by corroborating or challenging them with other information. Cluster: Integration of Knowledge and Ideas Content Complexity: Level 3: Strategic Thinking & Complex Reasoning 	<p>Lesson Plan: Reading Like a Historian: Battle of Lexington</p> <p>Tutorial: Literacy in History: The Pullman Strike, Part 1</p> <p>Tutorial: Literacy in History: The Pullman Strike, Part 2</p>
<ul style="list-style-type: none"> • LAFS.1112.RH.3.9 Integrate information from diverse sources, both primary and secondary, into a coherent understanding of an idea or event, noting discrepancies among sources. Cluster: Integration of Knowledge and Ideas Content Complexity: Level 3: Strategic Thinking & Complex Reasoning 	<p>Lesson Plan: Reading Like a Historian: Great Society</p> <p>Lesson Plan: Reading Like a Historian: Chicago Race Riots of 1919</p> <p>Lesson Plan: Reading Like a Historian: Montgomery Bus Boycott</p>
<ul style="list-style-type: none"> • LAFS.1112.RH.4.10 By the end of grade 12, read and comprehend history/social studies texts in the grades 11–CCR text complexity band independently and proficiently. Cluster: Range of Reading and Level of Text Complexity Content Complexity: Level 2: Basic Application of Skills and Concepts 	<p>Lesson Plan: The 15th Amendment- Intentions and Reality</p> <p>Text Resource: Speech of SpaceX CEO Elon Musk to the Presidential Commission on Space Exploration</p> <p>Text Resource: A Conflict’s Acoustic Shadows</p>

Grade 11-12 Literacy in the Content Areas Toolkit

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Strand: LAFS.11-12.RST: Reading Standards for Literacy in Science and Technical Subjects 11-12	
<ul style="list-style-type: none"> • LAFS.1112.RST.1.1 Cite specific textual evidence to support analysis of science and technical texts, attending to important distinctions the author makes and to any gaps or inconsistencies in the account. Cluster: Key Ideas and Details Content Complexity: Level 3: Strategic Thinking & Complex Reasoning 	<p>Lesson Plan: A New Vaccine For Yellow Fever?</p> <p>Lesson Plan: Life After Death: Some Genes Remain “Alive”</p> <p>Text Resource: “Nanodaisies” Deliver Drug Cocktail to Cancer Cells</p>
<ul style="list-style-type: none"> • LAFS.1112.RST.1.2 Determine the central ideas or conclusions of a text; summarize complex concepts, processes, or information presented in a text by paraphrasing them in simpler but still accurate terms. Cluster: Key Ideas and Details Content Complexity: Level 2: Basic Application of Skills & Concepts 	<p>Lesson Plan: Methods of Protecting Coral Reefs</p> <p>Lesson Plan: By-Products of Fracking</p> <p>Text Resource: Antifreeze Proteins in Antarctic Fish Prevent Both Freezing and Melting</p>
<ul style="list-style-type: none"> • LAFS.1112.RST.1.3 Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanations in the text. Cluster: Key Ideas and Details Content Complexity: Level 3: Strategic Thinking & Complex Reasoning 	<p>Lesson Plan: Calculating the Earth-Sun distance using Satellite Observations of a Venus Transit</p> <p>Lesson Plan: Forced to Learn</p> <p>STEM Lesson: Plants versus Pollutants</p>
<ul style="list-style-type: none"> • LAFS.1112.RST.2.4 Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics. Cluster: Craft and Structure Content Complexity: Level 3: Strategic Thinking & Complex Reasoning 	<p>Lesson Plan: A Star is Born...and Dies</p> <p>Lesson Plan: Discover the Planimal</p> <p>Text Resources: Antimatter</p> <p>Text Resources: Bioremediation: Nature’s Way to a Cleaner Environment</p>
<ul style="list-style-type: none"> • LAFS.1112.RST.2.5 Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to an understanding of the topic. Cluster: Craft and Structure Content Complexity: Level 3: Strategic Thinking & Complex Reasoning 	<p>Lesson Plan: The Most Beneficial Bank</p> <p>Text Resources: Could the Yosemite Rim Fire Be Ecologically Beneficial?</p>

Grade 11-12 Literacy in the Content Areas Toolkit

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<ul style="list-style-type: none"> • LAFS.1112.RST.2.6 Analyze the author’s purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, identifying important issues that remain unresolved. Cluster: Craft and Structure Content Complexity: Level 3: Strategic Thinking & Complex Reasoning 	<p>Lesson Plan: Editing Humanity’s Problems with CRISPR</p> <p>Text Resource: Mercury-Laden Fog Swirls over Coastal California, Scientists Find</p> <p>Text Resource: Ecologists Identify Potential new Sources of Ebola and Other Filoviruses</p>
<ul style="list-style-type: none"> • LAFS.1112.RST.3.7 Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., quantitative data, video, multimedia) in order to address a question or solve a problem. Cluster: Integration of Knowledge and Ideas Content Complexity: Level 3: Strategic Thinking & Complex Reasoning 	<p>Lesson Plan: Searching for Evidence of Dark Energy</p> <p>Lesson Plan: Alternative Fuel Systems</p> <p>Text Resource: Volcano Power Plan Gets US Go-Ahead</p>
<ul style="list-style-type: none"> • LAFS.1112.RST.3.8 Evaluate the hypotheses, data, analysis, and conclusions in a science or technical text, verifying the data when possible and corroborating or challenging conclusions with other sources of information. Cluster: Integration of Knowledge and Ideas Content Complexity: Level 3: Strategic Thinking & Complex Reasoning 	<p>Lesson Plan: Which Brand of Chocolate Chip cookie Would You Buy?</p>
<ul style="list-style-type: none"> • LAFS.1112.RST.3.9 Synthesize information from a range of sources (e.g., texts, experiments, simulations) into a coherent understanding of a process, phenomenon, or concept, resolving conflicting information when possible. Cluster: Integration of Knowledge and Ideas Content Complexity: Level 3: Strategic Thinking & Complex Reasoning 	<p>Lesson Plan: Too Much of a Good Thing: Human Activities Overload Ecosystems with Nitrogen</p> <p>Lesson Plan: The Dynamic Carbon Cycle</p> <p>Tutorial: Concave Spherical Mirrors</p>
<ul style="list-style-type: none"> • LAFS.1112.RST.4.10 By the end of grade 12, read and comprehend science/technical texts in the grades 11-12 text complexity band independently and proficiently. Cluster: Range of Reading and Level of Text Complexity Content Complexity: Level 2: Basic Application of Skills & Concepts 	<p>Lesson Plan: Artificially Sweetened Foods and Drinks Can’t Fool Your Brain</p> <p>Lesson Plan: Economics and Epidemiology</p> <p>Tutorial: Underwater Evidence</p> <p>Text Resource: Live Cells Printed Using ‘Rubber Stamp’ Method</p>

Grade 11-12 Literacy in the Content Areas Toolkit

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<p>Strand: LAFS.1112.WHST: Writing Standards for Literacy in History/Social Studies, Science, and Technical Subjects 11-12</p>	
<ul style="list-style-type: none"> • LAFS.1112.WHST.1.1 <p>Write arguments focused on discipline-specific content.</p> <ol style="list-style-type: none"> a. Introduce claim(s) about a topic or issue, acknowledge and distinguish the claim(s) from alternate or opposing claims, and organize the reasons and evidence logically. b. Support claim(s) with logical reasoning and relevant, accurate data and evidence that demonstrate an understanding of the topic or text, using credible sources. c. Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence. d. Establish and maintain a formal style. e. Provide a concluding statement or section that follows from and supports the argument presented. <p>Cluster: Text Types and Purposes Content Complexity: Level 4: Extended Thinking & Complex Reasoning Strategic Thinking & Complex Reasoning</p>	<p>STEM Lesson Plan: Cleaning Up Your Act</p> <p>Lesson Plan: Loss of Vision in Astronauts</p> <p>STEM Lesson Plan: Movie Theater MEA</p> <p>Text Resources: By the Skin of Their Suits</p> <p>Text Resource: What is the Great Pacific Ocean Garbage Patch?</p>
<ul style="list-style-type: none"> • LAFS.1112.WHST.1.2 <p>Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes.</p> <ol style="list-style-type: none"> a. Introduce a topic and organize complex ideas, concepts, and information so that each new element builds on that which precedes it to create a unified whole; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension. b. Develop the topic thoroughly by selecting the most significant and relevant facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience’s knowledge of the topic. c. Use varied transitions and sentence structures to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts. d. Use precise language, domain-specific vocabulary and techniques such as metaphor, simile, and analogy to manage the complexity of the topic; convey a knowledgeable stance in a style that responds to the discipline and context as well as to the expertise of likely readers. 	<p>Lesson Plan: Amusement Park Physics</p> <p>Lesson Plan: House Hunting!</p> <p>Lesson Plan: Picturing World Wars: The Great War & the Greatest Generation at War</p> <p>Text Resource: Understanding Uncertainty: What Was the Probability of Obama Winning?</p> <p>Text Resource: Gravitational Waves Detected 100 Years After Einstein’s Predication</p>

Grade 11-12 Literacy in the Content Areas Toolkit

Standards and Site Links	CPALMS Lesson Plans & CPALMS Related Resources
<p>e. Provide a concluding statement or section that follows from and supports the information or explanation provided (e.g., articulating implications or the significance of the topic).</p> <p>Cluster: Text Types and Purposes</p> <p>Content Complexity: Level 4: Extended Thinking & Complex Reasoning</p>	
<ul style="list-style-type: none"> • LAFS.1112.WHST.2.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. <p>Cluster: Production and Distribution</p> <p>Content Complexity: Level 3: Strategic Thinking & Complex Reasoning</p>	<p>Lesson Plan: My first credit card!</p> <p>Lesson Plan: Reading Like a Historian: Snapshot Autobiography</p>
<ul style="list-style-type: none"> • LAFS.1112.WHST.2.5 Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. <p>Cluster: Production and Distribution</p> <p>Content Complexity: Level 3: Strategic Thinking & Complex Reasoning</p>	<p>Professional Development: Branching Out: Growing Literacy Skills in Writing</p>
<ul style="list-style-type: none"> • LAFS.1112.WHST.2.6 Use technology, including the Internet, to produce and publish writing and update individual or shared writing products in response to ongoing feedback, including new arguments or information. <p>Cluster: Production and Distribution</p> <p>Content Complexity: Level 2: Basic Application of Skills & Concepts</p>	<p>Professional Development: Branching Out: Growing Literacy Skills in Writing</p>

Grade 11-12 Literacy in the Content Areas Toolkit

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<ul style="list-style-type: none"> • LAFS.1112.WHST.3.7 Conduct short research projects to answer a question (including a self-generated question), or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation. Cluster: Research to Build and Present Knowledge Content Complexity: Level 4: Extended Thinking & Complex Reasoning 	<p>Lesson Plan: Civil Rights: An Investigation</p> <p>Lesson Plan: Pay Credit When Credit is Due</p> <p>Teaching Idea: Endangered Species Worldwide</p>
<ul style="list-style-type: none"> • LAFS.1112.WHST.3.8 Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the specific task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation. Cluster: Research to Build and Present Knowledge Content Complexity: Level 3: Strategic Thinking & Complex Reasoning 	<p>Lesson Plan: If at First You Don't Succeed: Drafting the Declaration of Independence</p>
<ul style="list-style-type: none"> • LAFS.1112.WHST.3.9 Draw evidence from informational texts to support analysis reflection, and research. Cluster: Research to Build and Present Knowledge Content Complexity: Level 3: Strategic Thinking & Complex Reasoning 	<p>Lesson Plan: Cell-U-Lar Wars~ What Will Survive? Binary Fission Versus Mitotic Cell Division</p> <p>Lesson Plan: Drama in the Deep</p> <p>Lesson Plan: Presidential Learning</p> <p>Text Resource: Hurricane Sandy was New York's "Self-Inflicted Calamity"</p> <p>Text Resource: Sustainable Farming</p>

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<ul style="list-style-type: none">• LAFS.1112.WHST.4.10 <p>Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.</p> <p>Cluster: Range of Writing</p> <p>Content Complexity: Level 3: Strategic Thinking & Complex Reasoning</p>	<p>Lesson Plan: Deadly Decomposition-Fungi</p> <p>Lesson Plan: The Specifics of Supply and Demand</p>