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| **Strand: LAFS. 910. WHST: Writing Standards for Literacy in History/Social Studies, Science, and Technical Subjects 9-10** | |
| **Standard and CPALMS Site Link** | **Suggested CPALMS Lesson Plans and Related Resources** |
| [LAFS.910.WHST.1.1](http://www.cpalms.org/Public/PreviewStandard/Preview/6233)  Write arguments focused on discipline-specific content.   1. 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. 2. Support claim(s) with logical reasoning and relevant, accurate data and evidence that demonstrate an understanding of the topic or text, using credible sources. 3. Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence. 4. Establish and maintain a formal style. 5. Provide a concluding statement or section that follows from and supports the argument presented.   Cluster: Text Types and Purposes  Content Complexity: Level 4: Extended Thinking & Complex Reasoning | Lesson Plan: [Fighting Poaching with Technology](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/157000)  Lesson Plan: [Rats on the Move](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/152375)  Lesson Plan: [Where Did All the Cod Go?](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/156083)  Text Resource: [Explainer: The Difference Between Radioactivity and Radiation](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/57390)  Text Resource: [Animal Clones: Double Trouble?](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/64425) |
| [LAFS.910.WHST.1.2](http://www.cpalms.org/Public/PreviewStandard/Preview/6234)  Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes.   1. Introduce a topic clearly, previewing what is to follow; organize ideas, concepts, and information into broader categories as appropriate to achieving purpose; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension. 2. Develop the topic with relevant, well-chosen facts, definitions, concrete details, quotations, or other information and examples. 3. Use appropriate and varied transitions to create cohesion and clarify the relationships among ideas and concepts. 4. Use precise language and domain-specific vocabulary to inform about or explain the topic. 5. Establish and maintain a formal style and objective tone. 6. Provide a concluding statement or section that follows from and supports the information or explanation presented.   Cluster: Text Types and Purposes  Content Complexity: Level 4: Extended Thinking & Complex Reasoning | Lesson Plan: [When North Becomes South](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/152890)  Lesson Plan: [Analyzing French Revolution Documents](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/41288)  Lesson Plan: [Ethical Colonization?](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/167596)  Text Resource: “[Designer” Chromosome for Brewer’s Yeast Built from Scratch](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/66236)  Text Resource: [Do Diamonds Really come from Coal?](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/56916)  Text Resource: [Sea Turtles: Ancient Creatures with Modern Problems](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/65174) |
| [LAFS.910.WHST.2.4](http://www.cpalms.org/Public/PreviewStandard/Preview/6235)  Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.  Cluster: Production and Distribution  Content Complexity: Level 3: Strategic Thinking & Complex Reasoning | Lesson Plan: [NASA Space Shuttle Mission Patches](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/76510)  Unit/Lesson Sequences: [Nationalism, Colonialism, and The Cold War](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/59546)  STEM Lesson- Model Eliciting Activity: [Macromolecule Snack Attack](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/64872) |
| [LAFS.910.WHST.2.5](http://www.cpalms.org/Public/PreviewStandard/Preview/6236)  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.  Cluster: Production and Distribution  Content Complexity: Level 3: Strategic Thinking & Complex Reasoning | Lesson Plan: [How to be a Molecular Biologist the Easy Way](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/45952)  Lesson Plan: [Unlocking the Playwright Within: Statues](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/164363) |
| [LAFS.910.WHST.2.6](http://www.cpalms.org/Public/PreviewStandard/Preview/6237)  Use technology, including the Internet, to produce, publish and update individual or shared writing products, taking advantage of technology’s capacity to link to other information and to display information flexibly and dynamically.  Cluster: Production and Distribution  Content Complexity: Level 2: Basic Application of Skills & Concepts | Professional Development: [Branching Out: Growing Literacy Skills in Writing](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/150085) |
| [LAFS.910.WHST.3.7](http://www.cpalms.org/Public/PreviewStandard/Preview/6238)  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 | Unit/Lesson Sequences: [The Two Big Powers and Their Cold War: 1945-1990 CE](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/59508)  Lesson Plan: [My 2 Cents](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/29225)  Teaching Idea: [Endangered Species Worldwide](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/23862) |
| [LAFS.910.WHST.3.8](http://www.cpalms.org/Public/PreviewStandard/Preview/6239)  Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.  Cluster: Research to Build and Present Knowledge  Content Complexity: Level 4: Extended Thinking & Complex Reasoning | Tutorial: [Eliminating Exotics: Identifying and Assessing Research for Quality and Usefulness](http://www.cpalms.org/Public/PreviewResourceStudentTutorial/Preview/124304) |
| [LAFS.910.WHST.3.9](http://www.cpalms.org/Public/PreviewStandard/Preview/6240)  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 | Lesson Plan: [Climate Change: Atmospheric Carbon Dioxide](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/152967)  Lesson Plan: [Many Thrive If the Wolf Survives](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/167348)  Text Resource: [“Greener” Energy Needed Now, Group Warns](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/66160)  Text Resource: [Meet the Oldest Member of the Human Family](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/56173) |
| [LAFS.910.WHST.4.10](http://www.cpalms.org/Public/PreviewStandard/Preview/6241)  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.  Cluster: Range of Writing  Content Complexity: Level 3: Strategic Thinking & Complex Reasoning | Lesson Plan: [Can You Walk in My Shoes?](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/131400)  Lesson Plan: [Deadly Decomposition-Fungi](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/46888) |