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| **Strand: LAFS. 910. RST: Reading Standards for Literacy in Science and Technical Subjects 9-10** | |
| **Standard and CPALMS Site Link** | **Suggested CPALMS Lesson Plans and Related Resources** |
| [LAFS.910.RST.1.1](http://www.cpalms.org/Public/PreviewStandard/Preview/6214)  Cite specific textual evidence to support analysis of science and technical texts.  Cluster: Key Ideas and Details  Content Complexity: Level 2: Basic Application of Skills & Concepts | Lesson Plan: [Antibiotic Resistant Wildlife?](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/156893)  Lesson Plan: [Killer Prairie Dogs](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/163774)  Text Resource: [A Century of Melaleuca Invasion in South Florida](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/56299)  Teaching Idea: [The Birthday Paradox](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/64763) |
| [LAFS.910.RST.1.2](http://www.cpalms.org/Public/PreviewStandard/Preview/6215)  Determine the central ideas or conclusions of a text; trace the text’s explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text.  Cluster: Key Ideas and Details  Content Complexity: Level 2: Basic Application of Skills & Concepts | Lesson Plan: [Bad News for Starfish](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/164892)  Lesson Plan: Everyday Mysteries: [Why Do We Yawn?](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/152503)  Tutorial: [Sparks Fly: Discovering Central Ideas](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/148646)  Text Resource: [Peering into the Secret World of Life Beneath Winter Snows](http://www.cpalms.org/Public/PreviewResourceUpload/Preview/162598) |
| [LAFS.910.RST.1.3](http://www.cpalms.org/Public/PreviewStandard/Preview/6216)  Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exception defined in the text.  Cluster: Key Ideas and Details  Content Complexity: Level 2: Basic Application of Skills & Concepts | Lesson Plan: [Gluva-Glop](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/40834)  Lesson Plan: [Prokaryote and Eukaryote Microscope Activity](http://www.cpalms.org/Public/PreviewResourceUpload/Preview/38326)  STEM Lesson: [Corn Conundrum](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/32177) |
| [LAFS.910.RST.2.4](http://www.cpalms.org/Public/PreviewStandard/Preview/6217)  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 9-10 texts and topics.  Cluster: Craft and Structure  Content Complexity: Level 2: Basic Application of Skills & Concepts | Lesson Plan: [Bioluminescent Millipedes Spark Bright Ideas!](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/153045)  Lesson Plan: [Digestion in 3-D!](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/152367)  Text Resource: [Cone Snail Venom Reveals Insulin Insights](http://www.cpalms.org/Public/PreviewResourceUpload/Preview/166330)  Text Resource: [Graphene: The Next Wonder Material?](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/56872) |
| [LAFS.910.RST.2.5](http://www.cpalms.org/Public/PreviewStandard/Preview/6218)  Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., force, friction, reaction force, energy).  Cluster: Craft and Structure  Content Complexity: Level 2: Basic Application of Skills & Concepts | Lesson Plan: [Discovering Newton’s Third Law](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/51241)  Lesson Plan: [5K and No More-Producing Data](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/50602)  Text Resources: [Vaccines](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/57363)  Tutorial: [The Real-Life Neuroscience Behind Zombies](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/56070) |
| [LAFS.910.RST.2.6](http://www.cpalms.org/Public/PreviewStandard/Preview/6219)  Analyze the author’s purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, defining the question the author seeks to address.  Cluster: Craft and Structure  Content Complexity: Level 2: Basic Application of Skills & Concepts | Lesson Plan: [Current Event Assignment](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/28723)  Text Resource: [Evolution Made Ridiculous Flightless Birds Over and Over](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/66165)  Text Resource: [What Happens to Shipping Containers Lost at Sea?](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/65423) |
| [LAFS.910.RST.3.7](http://www.cpalms.org/Public/PreviewStandard/Preview/6220)  Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.  Cluster: Integration of Knowledge and Ideas  Content Complexity: Level 2: Basic Application of Skills & Concepts | Lesson Plan: [Cape Florida Lighthouse: Lore and Calculations](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/47990)  Lesson Plan: [Olympic Snowboard Design](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/56177)  Text Resource: [Tornadoes Strike Again. How Do They Work?](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/70664)  STEM Resource: [Interchangeable Wristwatch Band](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/75317) |
| [LAFS.910.RST.3.8](http://www.cpalms.org/Public/PreviewStandard/Preview/6221)  Assess the extent to which the reasoning and evidence in a text support the author’s claim or a recommendation for solving a scientific or technical problem.  Cluster: Integration of Knowledge and Ideas  Content Complexity: Level 2: Basic Application of Skills & Concepts | Lesson Plan: [The Impact of Melting Tropical Glaciers](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/153022)  Lesson Plan: [Investigating the pH of Soils](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/36341)  Text Resource: [F-16 Accident investigation Complete](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/57449)  Tutorial: [Pi Fight: Pi vs. Tau](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/148673) |
| [LAFS.910.RST.3.9](http://www.cpalms.org/Public/PreviewStandard/Preview/6222)  Compare and contrast findings presented in a text to those from other sources (including their own experiments), noting when the findings support or contradict previous explanations or accounts.  Cluster: Integration of Knowledge and Ideas  Content Complexity: Level 2: Basic Application of Skills & Concepts | Lesson Plan: [Island Biogeography](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/30368)  STEM Lesson Plan: [Community Energy Wars](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/49185) |
| [LAFS.910.RST.4.10](http://www.cpalms.org/Public/PreviewStandard/Preview/6223)  By the end of grade 10, read and comprehend science/technical texts in the grades 9-10 text complexity band independently and proficiently.  Cluster: Range of Reading and Level of Text Complexity  Content Complexity: Level 2: Basic Application of Skills & Concepts | Lesson Plan: [Bird Migration: A Risky Business](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/156142)  Lesson Plan: [Lionfish: Invasive Predators!](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/154380)  Resource Collection: : [Kelly Gallagher: Building Deeper Readers and Writers](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/30960)  Text Resource: [Does Sour Cream Cause Bike Accidents?](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/121317)  Text Resource: [Slug Inspired Glue Can Heal a Broken Heart](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/56989) |