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| **Content Area** |
| **Strand** |
| Grade |
| ***Content Standard*** |
| *Benchmark* |

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| **CCSS: Literacy in History/Social Studies, Science, & Technical Subjects 6-12** | | | | |
|  | **Reading: Science & Technical Subjects** | | | |
|  |  | CCSS: Grades 11-12 | | |
|  |  |  | **Key Ideas and Details  1. Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.** | |
|  |  |  |  | * RST.11-12.1. 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. |
|  |  |  | **2. Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.** | |
|  |  |  |  | * RST.11-12.2. 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. |
|  |  |  | **3. Analyze how and why individuals, events, or ideas develop and interact over the course of a text.** | |
|  |  |  |  | * RST.11-12.3. Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanations in the text. |
|  |  |  | **Craft and Structure 4. Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.** | |
|  |  |  |  | * RST.11-12.4. 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. |
|  |  |  | **5. Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole.** | |
|  |  |  |  | * RST.11-12.5. Analyze how the text structures information or ideas into categories or hierarchies, demonstrating understanding of the information or ideas. |
|  |  |  | **6. Assess how point of view or purpose shapes the content and style of a text.** | |
|  |  |  |  | * RST.11-12.6. 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. |
|  |  |  | **Integration of Knowledge and Ideas 7. Integrate and evaluate content presented in diverse formats and media, including visually and quantitatively, as well as in words.** | |
|  |  |  |  | * RST.11-12.7. 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. |
|  |  |  | **8. Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence.** | |
|  |  |  |  | * RST.11-12.8. 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. |
|  |  |  | **9. Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take.** | |
|  |  |  |  | * RST.11-12.9. 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. |
|  |  |  | **10. Read and comprehend complex literary and informational texts independently and proficiently.** | |
|  |  |  |  | * RST.11-12.10. By the end of grade 12, read and comprehend science/technical texts in the grades 11–12 text complexity band independently and proficiently. |

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