

Reading for Science and Technical Subjects: Grades 11, 12

Adopted 2014

Reading Informational Text: Students read, understand, and respond to informational text – with emphasis on comprehension, making connections among ideas and between texts with focus on textual evidence. [CC.3.5](#)

Key Ideas and Details

- A. 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. [CC.3.5.11-12.A](#)
- B. 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. [CC.3.5.11-12.B](#)
- C. 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. [CC.3.5.11-12.C](#)

Craft and Structure

- D. 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. [CC.3.5.11-12.D](#)
- E. Analyze how the text structures information or ideas into categories or hierarchies, demonstrating understanding of the information or ideas. [CC.3.5.11-12.E](#)
- F. 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. [CC.3.5.11-12.F](#)

Integration of Knowledge and Ideas

- G.** 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. **CC.3.5.11-12.6**
- H.** 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. **CC.3.5.11-12.H**
- I.** 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. **CC.3.5.11-12.I**

Range and Level of Complex Texts

- J.** By the end of grade 12, read and comprehend science/technical texts in the grades 11–12 text complexity band independently and proficiently. **CC.3.5.11-12.J**