

Reading for Science and Technical Subjects: Grades 9, 10

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 the precise details of explanations or descriptions. [CC.3.5.9-10.A](#)
- B. 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. [CC.3.5.9-10.B](#)
- C. Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text. [CC.3.5.9-10.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 9–10 texts and topics. [CC.3.5.9-10.D](#)
- E. Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., force, friction, reaction force, energy). [CC.3.5.9-10.E](#)
- F. 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. [CC.3.5.9-10.F](#)

Integration of Knowledge and Ideas

- G.** 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. **CC.3.5.9-10.G**
- H.** 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. **CC.3.5.9-10.H**
- I.** 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. **CC.3.5.9-10.I**

Range and Level of Complex Texts

- J.** By the end of grade 10, read and comprehend science/technical texts in the grades 9–10 text complexity band independently and proficiently. **CC.3.5.9-10.J**