

Reading Standards for Literacy in Science and Technical Subjects : Grades 6-8

Key Ideas and Details

- 1** Cite specific textual evidence to support analysis of science and technical texts. [RST.6-8.1](#)
- 2** Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions. [RST.6-8.2](#)
- 3** Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks. [RST.6-8.3](#)

Craft and Structure

- 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 6–8 texts and topics. [RST.6-8.4](#)
- 5** Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to an understanding of the topic. [RST.6-8.5](#)
- 6** Analyze the author’s purpose in providing an explanation, describing a procedure, or discussing an experiment in a text. [RST.6-8.6](#)

Integration of Knowledge and Ideas

- 7** Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table). [RST.6-8.7](#)
- 8** Distinguish among facts, reasoned judgment based on research findings, and speculation in a text. [RST.6-8.8](#)
- 9** Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic. [RST.6-8.9](#)

Range of Reading and Level of Text Complexity

- 10** By the end of grade 8, read and comprehend science/technical texts in the grades 6–8 text complexity band independently and proficiently [RST.6-8.10](#)