

Common Core Standards (SCIENCE):

English Language Arts Standards » Science & Technical Subjects » Grades 6-8

<http://www.corestandards.org/the-standards/english-language-arts-standards/science-technical/grades-6-8/>

Central Middle School Science Notes: 2012-2013:

Key Ideas and Details {Central Middle School: Grade(s) of Emphasis}

{C 7-8} RST.6-8.1. Cite specific textual evidence to support analysis of science and technical texts.

{C 6-7-8} CRST.6-8.2. Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.

{C 6-7-8} RST.6-8.3. Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.

Craft and Structure

{C 6-7-8} RST.6-8.4. 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*.

{C 7-8} RST.6-8.5. 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.

{C 7-8} RST.6-8.6. Analyze the author’s purpose in providing an explanation, describing a procedure, or discussing an experiment in a text.

Integration of Knowledge and Ideas

{C 6-7-8} RST.6-8.7. 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).

{C 6-7-8} RST.6-8.8. Distinguish among facts, reasoned judgment based on research findings, and speculation in a text.

{C 7-8} RST.6-8.9. Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic.

Range of Reading and Level of Text Complexity

{C 6-7-8} RST.6-8.10. By the end of grade 8, read and comprehend science/technical texts in the grades 6–8 text complexity band independently and proficiently.