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