Reading Standards for Literacy in Science and Technical Subjects : Grades 9-10

Key Ideas and Details	1	Cite specific textual evidence to support analysis of science and technical texts, attending to the precise details of explanations or descriptions. RST.9-10.1
	2	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. RST.9-10.2
	3	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. RST.9-10.3
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 9–10 texts and topics. RST.9-10.4
	5	Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., force, friction, reaction force, energy). RST.9-10.5
	6	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. RST.9-10.6
Integration of Knowledge and Ideas	7	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. RST.9-10.7
	8	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. RST.9-10.8
	9	Compare and contrast findings presented in a text to those from other sources (including their own experiments), noting when the findings support or contradict

Skip to main content

previous explanations or accounts. RST.9-10.9

Range of Reading and Level of Text Complexity	**10**	**By the end of grade 10, read and comprehend science/technical texts in the grades 9–10 text complexity band independently and proficiently.** RST.9-10.10