

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

<u>Grades 9-10</u>	<u>How will we know... Assessment</u>	<u>Text Resources</u>	<u>Additional Resources & Lessons/Activities</u>
<u>Key Ideas & Details</u>			
<p><u>RST.9-10.1</u> Cite specific textual evidence to support analysis of science and technical texts, attending to the precise details of explanations or descriptions.</p>			
<p><u>RST.9-10.2</u> 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.</p>			
<p><u>RST.9-10.3</u> 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.</p>			

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<u>Craft and Structure</u>			
<p><u>RST.9-10.4</u> 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.</p>			
<p><u>RST.9-10.5</u> Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., force, friction, reaction force, energy).</p>			
<p><u>RST.9-10.6</u> 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.</p>			

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<u>Integration of Knowledge and Ideas</u>			
<p><u>RST.9-10.7</u> 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.</p>			
<p><u>RST.9-10.8</u> 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.</p>			
<p><u>RST.9-10.9</u> 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.</p>			

<u>Grades 9-10</u>	<u>How will we know... Assessment</u>	<u>Text Resources</u>	<u>Additional Resources & Lessons/Activities</u>
<u>Range of Reading and Level of Text Complexity</u>			
<u>RST.9-10.10</u> By the end of grade 10, read and comprehend science/technical texts in the grades 9–10 text complexity band independently and proficiently.			