

Reading Standards for Literacy in Science and Technical Subjects 6-12

Key Ideas and Details	
R.CCR.1	<p>CCR Reading Anchor Standard 1: Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.</p>
RST.11-12.1	
Grade 11-12 students:	Cite specific textual evidence to support analysis of science and technical texts, attending to important distinctions the author makes and to any gaps or inconsistencies in the account.
RST.9-10.1	
Grade 9-10 students:	Cite specific textual evidence to support analysis of science and technical texts, attending to the precise details of explanations or descriptions.
RST.6-8.1	
Grade 6-8 students:	Cite specific textual evidence to support analysis of science and technical texts.

Note: The standard for grades 6, 7, and 8 is the same. Please see RST.6-8.1 for each of these grades.

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Key Ideas and Details

R.CCR.2	CCR Reading Anchor Standard 2: Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.
RST.11-12.2 Grade 11-12 students:	Determine the central ideas or conclusions of a text; summarize complex concepts, processes, or information presented in a text by paraphrasing them in simpler but still accurate terms.
RST.9-10.2 Grade 9-10 students:	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.6-8.2 Grade 6-8 students:	Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.

Note: The standard for grades 6, 7, and 8 is the same. Please see RST.6-8.2 for each of these grades.

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R.CCR.3	CCR Reading Anchor Standard 3: Analyze how and why individuals, events, and ideas develop and interact over the course of a text.
RST.11-12.3 Grade 11-12 students:	Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanations in the text.
RST.9-10.3 Grade 9-10 students:	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.6-8.3 Grade 6-8 students:	Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.

Note: The standard for grades 6, 7, and 8 is the same. Please see RST.6-8.3 for each of these grades.

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Craft and Structure	
R.CCR.4	CCR Reading Anchor Standard 4: Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.
RST.11-12.4 Grade 11-12 students:	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 <i>grades 11–12 texts and topics</i> .
RST.9-10.4 Grade 9-10 students:	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 <i>grades 9–10 texts and topics</i> .
RST.6-8.4 Grade 6-8 students:	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 <i>grades 6–8 texts and topics</i> .

Note: The standard for grades 6, 7, and 8 is the same. Please see RST.6-8.4 for each of these grades.

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Craft and Structure	
R.CCR.5	<p>CCR Reading Anchor Standard 5: Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) related to each other and the whole.</p>
RST.11-12.5 Grade 11-12 students:	Analyze how the text structures information or ideas into categories or hierarchies, demonstrating understanding of the information or ideas.
RST.9-10.5 Grade 9-10 students:	Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., <i>force</i> , <i>friction</i> , <i>reaction force</i> , <i>energy</i>).
RST.6-8.5 Grade 6-8 students:	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.

Note: The standard for grades 6, 7, and 8 is the same. Please see RST.6-8.5 for each of these grades.

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R.CCR.6	CCR Reading Anchor Standard 6: Assess how point of view or purpose shapes the content and style of a text.
RST.11-12.6 Grade 11-12 students:	Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, identifying important issues that remain unresolved.
RST.9-10.6 Grade 9-10 students:	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.6-8.6 Grade 6-8 students:	Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text.

Note: The standard for grades 6, 7, and 8 is the same. Please see RST.6-8.6 for each of these grades.

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Integration of Knowledge and Ideas

R.CCR.7	CCR Reading Anchor Standard 7: Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words.
RST.11-12.7 Grade 11-12 students:	Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., quantitative data, video, multimedia) in order to address a question or solve a problem.
RST.9-10.7 Grade 9-10 students:	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.6-8.7 Grade 6-8 students:	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).

Note: The standard for grades 6, 7, and 8 is the same. Please see RST.6-8.7 for each of these grades.

Reading Standards for Literacy in Science and Technical Subjects 6-12**Integration of Knowledge and Ideas**

R.CCR.8	CCR Reading Anchor Standard 8: Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence.
RST.11-12.8 Grade 11-12 students:	Evaluate the hypotheses, data, analysis, and conclusions in a science or technical text, verifying the data when possible and corroborating or challenging conclusions with other sources of information.
RST.9-10.8 Grade 9-10 students:	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.6-8.8 Grade 6-8 students:	Distinguish among facts, reasoned judgment based on research findings, and speculation in a text.

Note: The standard for grades 6, 7, and 8 is the same. Please see RST.6-8.8 for each of these grades.

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Integration of Knowledge and Ideas

R.CCR.9	CCR Reading Anchor Standard 9: Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take.
RST.11-12.9 Grade 11-12 students:	Synthesize information from a range of sources (e.g., texts, experiments, simulations) into a coherent understanding of a process, phenomenon, or concept, resolving conflicting information when possible.
RST.9-10.9 Grade 9-10 students:	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.
RST.6-8.9 Grade 6-8 students:	Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic.

Note: The standard for grades 6, 7, and 8 is the same. Please see RST.6-8.9 for each of these grades.

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Range of Reading and Level of Text Complexity	
R.CCR.10	CCR Reading Anchor Standard 10: Read and comprehend complex literary and informational texts independently and proficiently.
RST.11-12.10 Grade 11-12 students:	By the end of grade 12, read and comprehend science/technical texts in the grades 11–12 text complexity band independently and proficiently.
RST.9-10.10 Grade 9-10 students:	By the end of grade 10, read and comprehend science/technical texts in the grades 9–10 text complexity band independently and proficiently.
RST.6-8.10 Grade 6-8 students:	By the end of grade 8, read and comprehend science/technical texts in the grades 6–8 text complexity band independently and proficiently.

Note: The standard for grades 6, 7, and 8 is the same. Please see RST.6-8.10 for each of these grades.