**READING in Science and Technical Subjects**

**Key Ideas and Details**

**CC.3.5.6-8.A**

Cite specific textual evidence to support analysis of science and technical texts.

**READING in Science and Technical Subjects**

**Key Ideas and Details**

**CC.3.5.6-8.B**

Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.

**READING in Science and Technical Subjects**

**Key Ideas and Details**

**CC.3.5.6-8.C**

Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.

**READING in Science and Technical Subjects**

**Craft and Structure**

**CC.3.5.6-8.D**

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.

**READING in Science and Technical Subjects**

**Craft and Structure**

**CC.3.5.6-8.E**

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.

**READING in Science and Technical Subjects**

**Craft and Structure**

**CC.3.5.6-8.F**

Analyze the author’s purpose in providing an explanation, describing a procedure, or discussing an experiment in a text.

**READING in Science and Technical Subjects**

**Integration of Knowledge & Ideas**

**CC.3.5.6-8.G**

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).

**READING in Science and Technical Subjects**

**Integration of Knowledge & Ideas**

**CC.3.5.6-8.H**

Distinguish among facts, reasoned judgment based on research findings, and speculation in a text.

**READING in Science and Technical Subjects**

**Integration of Knowledge & Ideas**

**CC.3.5.6-8.I**

Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the

same topic.

**READING in Science and Technical Subjects**

**Range of Complex Texts**

**CC.3.5.6-8.J**

By the end of grade 8, read and comprehend science/technical texts in the grades 6–8 text complexity band independently and proficiently.

**WRITING in Science and Technical Subjects**

**Text Types and Purposes**

**CC.3.6.6-8.A**

Write arguments focused on discipline-specific content.

**WRITING in Science and Technical Subjects**

**Text Types and Purposes**

**CC.3.6.6-8.B**

Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes.

**WRITING in Science and Technical Subjects**

**Production & Distribution of Writing**

**CC.3.6.6-8.C**

Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

**WRITING in Science and Technical Subjects**

**Production & Distribution of Writing**

**CC.3.6.6-8.D**

With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed.

**WRITING in Science and Technical Subjects**

**Production & Distribution of Writing**

**CC.3.6.6-8.E**

Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas clearly and efficiently.

**WRITING in Science and Technical Subjects**

**Research to Build & Present Knowledge**

**CC.3.6.6-8.F**

Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration.

**WRITING in Science and Technical Subjects**

**Research to Build & Present Knowledge**

**CC.3.6.6-8.G**

Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.

**WRITING in Science and Technical Subjects**

**Research to Build & Present Knowledge**

**CC.3.6.6-8.H**

Draw evidence from informational texts to support analysis reflection, and research.

**WRITING in Science and Technical Subjects**

**Range of Writing**

**CC.3.6.6-8.J.I.**

Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.