**LITERACY COMMON CORE STANDARDS**

**READING STANDARD #1 (Key Ideas and Details):**

(9-10) Cite specific textual evidence to support analysis of science and technical texts, attending to the precise details of explanations or descriptions.

(11-12) 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.

**LITERACY STRATEGY:**

**CTE CONTENT:**

**CTE PROJECT:**

**LITERACY COMMON CORE STANDARDS**

**READING STANDARD #2 (Key Ideas and Details):**

(9-10) 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.

(11-12) 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.

**LITERACY STRATEGY:**

**CTE CONTENT:**

**CTE PROJECT:**

**LITERACY COMMON CORE STANDARDS**

**READING STANDARD #3 (Key Ideas and Details):**

(9-10) Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text.

(11-12) 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.

**LITERACY STRATEGY:**

**CTE CONTENT:**

**CTE PROJECT:**

**LITERACY COMMON CORE STANDARDS**

**READING STANDARD #4 (Kraft and Structure):**

(9-10) 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*.

(11-12) 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 11–12 texts and topics*.

**LITERACY STRATEGY:**

**CTE CONTENT:**

**CTE PROJECT:**

**LITERACY COMMON CORE STANDARDS**

**READING STANDARD #5 (Kraft and Structure):**

(9-10) Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., *force, friction, reaction force, energy*).

(11-12) Analyze how the text structures information or ideas into categories or hierarchies, demonstrating understanding of the information or ideas.

**LITERACY STRATEGY:**

**CTE CONTENT:**

**CTE PROJECT:**

**LITERACY COMMON CORE STANDARDS**

**READING STANDARD #6 (Kraft and Structure):**

(9-10) 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.

(11-12) 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.

**LITERACY STRATEGY:**

**CTE CONTENT:**

**CTE PROJECT:**

**LITERACY COMMON CORE STANDARDS**

**READING STANDARD #7 (Integration and Knowledge and Ideas):**

(9-10) 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.

(11-12) 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.

**LITERACY STRATEGY:**

**CTE CONTENT:**

**CTE PROJECT:**

**LITERACY COMMON CORE STANDARDS**

**READING STANDARD #8 (Integration and Knowledge and Ideas):**

(9-10) 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.

(11-12) 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.

**LITERACY STRATEGY:**

**CTE CONTENT:**

**CTE PROJECT:**

**LITERACY COMMON CORE STANDARDS**

**READING STANDARD #9 (Integration and Knowledge and Ideas):**

(9-10) 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.

(11-12) 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.

**LITERACY STRATEGY:**

**CTE CONTENT:**

**CTE PROJECT:**

**LITERACY COMMON CORE STANDARDS**

**READING STANDARD #10 (Range of Reading and Level of Text Complexity):**

(9-10) By the end of grade 10, read and comprehend science/technical texts in the grades 9–10 text complexity band independently and proficiently.

(11-12) By the end of grade 12, read and comprehend science/technical texts in the grades 11–CCR text complexity band independently and proficiently.

**LITERACY STRATEGY:**

**CTE CONTENT:**

**CTE PROJECT:**