Grade 9-10 Literacy in Science and Technical Subjects

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| Common Core State Standard | | What I will teach each marking period | | | | How it will be taught | Resources needed | How it will be assessed |
| 1st | 2nd | 3rd | 4th |
| Grade 9-10 Reading Standards for Literacy in Science and Technical Subjects | | | | | | | | | |
| 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. | |  | |  |  |  |  |  |  |
| 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. | |  | |  |  |  |  |  |  |
| 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. | |  | |  |  |  |  |  |  |
| 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*. | |  | |  |  |  |  |  |  |
| 5. Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., *force, friction, reaction force, energy*). | |  | |  |  |  |  |  |  |
| 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. | |  | |  |  |  |  |  |  |
| 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. | |  | |  |  |  |  |  |  |
| 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. | |  | |  |  |  |  |  |  |
| 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 previous explanations or accounts. | |  | |  |  |  |  |  |  |
| 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. | |  | |  |  |  |  |  |  |