

Unwrapping Common Core ELA

Domain: Reading				
Cluster: Informational				
Standard: UW.9.RST.04 - 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</i> texts and topics.				
Student Friendly: I can determine what symbols, key terms, words and phrases mean after reading a text.				
Concepts (Nouns)	Skills (Verbs)	Knowledge	Cognitive Process	DOK Level
Words Phrases Text Impact Meaning Symbols Key Terms	Determine Analyze Quantify Define	<input type="checkbox"/> Factual <input type="checkbox"/> Conceptual <input checked="" type="checkbox"/> Procedural <input type="checkbox"/> Meta-Cognitive	<input type="checkbox"/> Remember <input type="checkbox"/> Understand <input type="checkbox"/> Apply <input checked="" type="checkbox"/> Analyze <input type="checkbox"/> Evaluate <input type="checkbox"/> Create	<input type="checkbox"/> Level 1 Recall <input type="checkbox"/> Level 2 Skill/Concept <input checked="" type="checkbox"/> Level 3 Strategic Thinking <input type="checkbox"/> Level 4 Extended Thinking
Big Ideas				
Authors use specific symbols, terms, words and phrases to represent, and define relationships between scientific quantities and concepts.				
Essential Questions				
Why are symbols used to represent quantities in scientific text? What quantities are represented by symbols in science? How can a scientist use symbols to convey information in scientific texts? How do symbols further understanding of concepts? How do symbols, key terms, and words relate to each other?				
Performance Task / Model Product Example				
Teacher may select some form of scientific text and have students create a concept map (or other graphic organizer) that connects key words and symbols in order to show relationships between them. Students read a scientific text and identify and define the symbols and key terms used to illustrate the concept.				