

**Hess' Cognitive Rigor Matrix & Curricular Examples:** Applying Webb's Depth-of-Knowledge Levels to Bloom's Cognitive Process Dimensions - *Reading*

Revised Bloom's Taxonomy	Webb's DOK Level 1 Recall & Reproduction	Webb's DOK Level 2 Skills & Concepts	Webb's DOK Level 3 Strategic Thinking/ Reasoning	Webb's DOK Level 4 Extended Thinking
<p><b>Remember</b> Retrieve knowledge from long-term memory, recognize, recall, locate, identify</p>	<ul style="list-style-type: none"> <li>○ Recall, recognize, or locate basic facts, details, events, or ideas explicit in texts</li> <li>○ Read words orally in connected text with fluency &amp; accuracy</li> <li>○ Define terms</li> </ul>			
<p><b>Understand</b> Construct meaning, clarify, paraphrase, represent, translate, illustrate, give examples, classify, categorize, summarize, generalize, infer a logical conclusion), predict, compare/contrast, match like ideas, explain, construct models</p>	<ul style="list-style-type: none"> <li>○ Identify or describe literary elements (characters, setting, sequence, etc.)</li> <li>○ Select appropriate words when intended meaning/definition is clearly evident</li> <li>○ Describe/explain who, what, where, when, or how</li> </ul>	<ul style="list-style-type: none"> <li>○ Specify, explain, show relationships; explain why, cause-effect</li> <li>○ Give non-examples/examples</li> <li>○ Summarize results, concepts, ideas</li> <li>○ Make basic inferences or logical predictions from data or texts</li> <li>○ Identify main ideas or accurate generalizations of texts</li> <li>○ Locate information to support explicit-implicit central ideas</li> </ul>	<ul style="list-style-type: none"> <li>○ Explain, generalize, or connect ideas using supporting evidence (quote, example, text reference)</li> <li>○ Identify/ make inferences about explicit or implicit themes</li> <li>○ Describe how word choice, point of view, or bias may affect the readers' interpretation of a text</li> </ul>	<ul style="list-style-type: none"> <li>○ Explain how concepts or ideas specifically relate to <i>other</i> content domains or concepts</li> <li>○ Develop generalizations of the results obtained or strategies used and apply them to new problem situations</li> </ul>
<p><b>Apply</b> Carry out or use a procedure in a given situation; carry out (apply to a familiar task), or use (apply) to an unfamiliar task</p>	<ul style="list-style-type: none"> <li>○ Use language structure (pre/suffix) or word relationships (synonym/antonym) to determine meaning of words</li> </ul>	<ul style="list-style-type: none"> <li>○ Use context to identify the meaning of words/phrases</li> <li>○ Obtain and interpret information using text features</li> </ul>	<ul style="list-style-type: none"> <li>○ Apply a concept in a new context</li> </ul>	<ul style="list-style-type: none"> <li>○ Illustrate how multiple themes (historical, geographic, social) may be interrelated</li> </ul>
<p><b>Analyze</b> Break into constituent parts, determine how parts relate, differentiate between relevant-irrelevant, distinguish, focus, select, organize, outline, find coherence, deconstruct (e.g., for bias or point of view)</p>	<ul style="list-style-type: none"> <li>○ Identify whether specific information is contained in graphic representations (e.g., map, chart, table, graph, T-chart, diagram) or text features (e.g., headings, subheadings, captions)</li> </ul>	<ul style="list-style-type: none"> <li>○ Categorize/compare literary elements, terms, facts, details, events</li> <li>○ Identify use of literary devices</li> <li>○ Analyze format, organization, &amp; internal text structure (signal words, transitions, semantic cues) of different texts</li> <li>○ Distinguish: relevant-irrelevant information; fact/opinion</li> <li>○ Identify characteristic text features; distinguish between texts, genres</li> </ul>	<ul style="list-style-type: none"> <li>○ Analyze information within data sets or texts</li> <li>○</li> </ul>	

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**Understand**

Construct meaning, clarify, paraphrase, represent, translate, illustrate, give examples, classify, categorize, summarize, generalize, infer a logical conclusion), predict, compare/contrast, match like ideas, explain, construct models

- o Describe or define facts, details, terms
- o Select appropriate words to use when intended meaning/definition is clearly evident
- o Write simple sentences

- o Specify, explain, show relationships; explain why, cause-effect
- o Give non-examples/examples
- o Take notes; organize ideas/data
- o Summarize results, concepts, ideas
- o Identify main ideas or accurate generalizations of texts

- o Explain, generalize, or connect ideas using supporting evidence (quote, example, text reference)
- o Write multi-paragraph

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