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
Remember Retrieve knowledge from long-term memory, recognize, recall, locate, identify	o Recall, recognize, or locate basic facts, details, events, or ideas explicit in texts o Read words orally in connected text with fluency & accuracy o Define terms			
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 Identify or describe literary elements (characters, setting, sequence, etc.) o Select appropriate words when intended meaning/definition is clearly evident o Describe/explain who, what, where, when, or how	o Specify, explain, show relationships; explain why, cause-effect o Give non-examples/examples o Summarize results, concepts, ideas o Make basic inferences or logical predictions from data or texts o Identify main ideas or accurate generalizations of texts o Locate information to support explicit-implicit central ideas	o Explain, generalize, or connect ideas using supporting evidence (quote, example, text reference) o Identify/ make inferences about explicit or implicit themes o Describe how word choice, point of view, or bias may affect the readers' interpretation of a text	o Explain how concepts or ideas specifically relate to *other* content domains or concepts o Develop generalizations of the results obtained or strategies used and apply them to new problem situations
Apply Carry out or use a procedure in a given situation; carry out (apply to a familiar task), or use (apply) to an unfamiliar task	o Use language structure (pre/suffix) or word relationships (synonym/antonym) to determine meaning of words	o Use context to identify the meaning of words/phrases o Obtain and interpret information using text features	o Apply a concept in a new context	o Illustrate how multiple themes (historical, geographic, social) may be interrelated

Analyze
Break into constituent parts,

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

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

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

- Explain, generalize, or connect ideas using supporting evidence (quote, example, text reference)
- Write multi-paragraph rali 8Kari(other5TD.0T4TjET6298