



HESS COGNITIVE RIGOR MATRIX (SOCIAL STUDIES/HUMANITIES CRM):

Applying Webb's Depth-of-Knowledge Levels to Bloom's Cognitive Process Dimensions



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 or locate key facts, dates, terms, details, events, or ideas explicit in texts	Use these Hess CRM curricular examples with most assignments, assessments, or inquiry activities in social studies, history, civics, geography, economics, or humanities.		
Understand Construct meaning, clarify, paraphrase, represent, translate, illustrate, give examples, classify, categorize, summarize, generalize, infer a logical conclusion), predict, observe, compare/contrast, match like ideas, explain, construct models		o Select appropriate words/terms when intended meaning is clearly evident o Describe/explain who, what, where, when, or how o Define facts, details, terms, principles o Locate/identify symbols that represent... o Raise related questions for possible investigation			
Apply Carry out or use a procedure in a given situation; carry out (apply to a familiar task), or use (transfer) to an unfamiliar or non-routine task		o Apply basic formats for documenting sources o Apply use of reference materials and tools for gathering information (e.g., key word searches)			
Analyze Break into constituent parts, determine how parts relate, differentiate between relevant-irrelevant, distinguish, focus, select, organize, outline, find coherence, deconstruct (e.g., for bias, point of view, approach/strategy used)		o Identify causes or effects o Describe processes or tools used to research ideas, artifacts, or images reflecting history, culture, tradition, etc. o Identify ways symbols and metaphors are used to represent universal ideas o Identify specific information given in graphics (e.g., map, T-chart, diagram) or text features (e.g., heading, subheading, captions)			
Evaluate Make judgments based on criteria, check, detect inconsistencies or fallacies, judge, critique		"UG" – unsubstantiated generalizations = stating an opinion without providing any support for it!			
Create Reorganize elements into new patterns/structures/ or schemas, generate, hypothesize, design, plan, produce		o Brainstorm ideas, concepts, problems, or perspectives related to a topic, principle, or concept			