

Depth of Knowledge/Rigor Chart and Checklist

Use the following chart to help create and categorize assessment items. The range of rigor of the assessment items should reflect the rigor of the course content and instruction. Use in conjunction with the [Depth of Knowledge](#) wheel and transfer this information to your assessment blueprint.

Level	Learner Action	Key Actions	Sample Question Stems	Question Numbers/Portfolio Components
Level 1: Recall	Requires simple recall of such information as a fact, definition, term, or simple procedure.	List, Tell, Define, Label, Identify, Name, State, Write, Locate, Find, Match, Measure, Repeat	How many...? Label parts of the.... Which is true or false...?	
Level 2: Concept	Involves some mental skills, concepts, or processing beyond a habitual response; students must make some decisions about how to approach a problem or activity.	Estimate, Compare, Organize, Interpret, Modify, Predict, Cause/Effect, Summarize, Graph, Classify	Identify patterns in... Use context clues to... Predict what will happen when... What differences exist between...? If x occurs, y will....	
Level 3: Strategic Thinking	Requires reasoning, planning, using evidence, and thinking at a higher level.	Critique, Formulate, Hypothesize, Construct, Revise, Investigate, Differentiate, Compare	Construct a defense of.... Can you illustrate the concept of...? Apply the method used to determine...? Use evidence to support....	
Level 4: Extended Thinking	Requires complex reasoning, planning, developing, and thinking, most likely over an extended time. Cognitive demands are high, and students are required to make connections both within and among subject domains.	Design, Connect, Synthesize, Apply, Critique, Analyze, Create, Prove, Support	Design x in order to..... Develop a proposal to.... Create a model that.... Critique the notion that...	

