

PROBLEM SOLVING RUBRIC

Problem Solving: Design and evaluate an approach to answer an open-ended question or achieve a desired goal.

OBJECTIVES <i>(Items in italics below are definitions or examples)</i>	ACCOMPLISHED (4)	SATISFACTORY (3)	PROGRESSING (2)	EMERGING (1)
Define Problem <i>contextual factors: constraints (such as limits on cost), resources, attitudes (such as biases), and additional knowledge which affect how the problem can be best solved</i>	Constructs a clear and insightful problem statement that includes all relevant contextual factors.	Constructs a clear problem statement that includes most relevant contextual factors.	Constructs a simplistic problem statement that includes most relevant contextual factors.	Constructs a problem statement that is unclear or incomplete or the relevant contextual factors are incomplete.
Identify Approaches	Identifies multiple approaches for solving the problem that applies to a specific context.	Identifies multiple approaches for solving the problem, only some of which apply to a specific context.	Identifies only a single approach for solving the problem that applies to a specific context.	Identifies only a single approach for solving the problem that does not apply to a specific context.
Propose Solution/Hypothesis	Proposes one or more solutions/hypotheses that are sensitive to contextual factors and the ethical, logical, <u>and</u> cultural dimensions of the problem.	Proposes one or more solutions/hypotheses that are sensitive to contextual factors and ethical, logical, <u>or</u> cultural dimensions of the problem.	Proposes one solution/hypothesis that is “off the shelf” (simplistic or common) rather than designed to address the specific contextual factors of the problem.	Proposes a solution/hypothesis that is difficult to evaluate because it is vague or only indirectly addresses the problem.

This rubric was inspired by the AAC&U VALUE rubric.

4/4/2024