

Creative Problem Solving

Apply knowledge, skills, and multiple perspectives in new situations to analyze and formulate solutions to complex problems with confidence and creativity

The student demonstrates the ability to:

	<i>Identify and understand complex problems</i>	<i>Creatively formulate solutions</i>	<i>Test and assess outcomes with confidence and persistence</i>
Beginning	Identify problems by making accurate and relevant observations.	Critically explore existing solutions to similar problems.	Analyze outcomes of methods used by others in the past to solve similar problems.
Developing	Understand and articulate factors that create and perpetuate problems.	Adapt existing solutions or devise new ones through approaches that emphasize creativity - for example: thinking cross-culturally, thinking interdisciplinarily, intentionally avoiding convention, using new processes, considering a wide variety of opinions, repurposing seemingly obsolete ideas.	Heuristically analyze outcomes of past solutions to revise and improve methodology.
Advanced	Confidently and creatively identify and describe problems based on deep understanding of dynamics and historical context.	Develop a creative solution to the problem that is either new or a significant modification of an existing approach, while being effective and well-developed, according to the standards of the discipline.	Confidently experiment with creative analytical approaches and revise methodology to fully understand novel outcomes.
No Evidence	No understanding and articulation of relevant problems	No clear solutions presented.	Needing there to be a right answer