

SLO 6/Problem Solving

	<b>Mastery 4</b>	<b>Target 3</b>	<b>Progressing 2</b>	<b>Developing 1</b>	<b>Does Not Meet 0</b>
<b>Use a range of tools, including technology, to solve a problem (SLO 6)</b>	Develop generalizations about the tools used and apply them to new problems or situations.	Use multiple tools together to effectively solve a problem.	Use a tool to solve a problem and articulate and/or explain why the tool is the best choice.	Identify a range of appropriate tools, including digital technology, to help solve a problem.	The student does not demonstrate the knowledge/skills to a level of developing for this element.
<b>Identify opportunities for innovation and collaboration (SLO 6)</b>	Seek out a variety of experts, peers, experiences, or sources of information that could add additional viewpoints or insights.	Identify a range of peers and field experts/organizations to support my creative problem solving.	Identify an opportunity for new thinking or creative problem solving.	Identify a real-life situation where the needs were met through innovation and/or collaboration.	The student does not demonstrate the knowledge/skills to a level of developing for this element.
<b>Identify Strategies (Problem Solving)</b>	Identifies multiple approaches for solving the problem that apply within a specific context.	Identifies multiple approaches for solving the problem, only some of which apply within a specific context.	Identifies only a single approach for solving the problem that does apply within a specific context.	Identifies one or more approaches for solving the problem that do not apply within a specific context.	The student does not demonstrate the knowledge/skills to a level of developing for this element.
<b>Evaluate Potential Solutions (Problem Solving)</b>	Evaluation of solutions is deep and elegant (for example, contains thorough and insightful explanation) and includes, deeply and thoroughly, all of the following: considers history of problem, reviews logic/ reasoning, examines feasibility of solution, and weighs impacts of solution.	Evaluation of solutions is adequate (for example, contains thorough explanation) and includes the following: considers history of problem, reviews logic/ reasoning, examines feasibility of solution, and weighs impacts of solution.	Evaluation of solutions is brief (for example, explanation lacks depth) and includes the following: considers history of problem, reviews logic/ reasoning, examines feasibility of solution, and weighs impacts of solution.	Evaluation of solutions is superficial (for example, contains cursory, surface level explanation) and includes the following: considers history of problem, reviews logic/ reasoning, examines feasibility of solution, and weighs impacts of solution.	The student does not demonstrate the knowledge/skills to a level of developing for this element.
<b>Evaluate Outcomes (Problem Solving)</b>	Reviews results relative to the problem defined with thorough, specific considerations of need for further work.	Reviews results relative to the problem defined with some consideration of need for further work.	Reviews results in terms of the problem defined with little, if any, consideration of need for further work.	Reviews results superficially in terms of the problem defined with no consideration of need for further work	The student does not demonstrate the knowledge/skills to a level of developing for this element.