

# Problem Solving Rubric

Name: \_\_\_\_\_

Date: \_\_\_\_\_



## Skill Score

	<b>Advanced 4</b>	<b>Proficient 3</b>	<b>Needs Improvement 2</b>	<b>Inadequate 1</b>	Score
<b>Define the problem</b>	<ul style="list-style-type: none"> <li>- Accurately identifies and defines all key terms/variables.</li> <li>- Categorizes the problem at hand by comparing it to previously learned concepts.</li> </ul>	<ul style="list-style-type: none"> <li>- Accurately identifies and defines most key terms/variables.</li> <li>- Adequately categorizes the problem at hand.</li> </ul>	<ul style="list-style-type: none"> <li>- Accurately identifies and defines some key terms/variables.</li> <li>- Somewhat categorizes the problem at hand.</li> </ul>	<ul style="list-style-type: none"> <li>- Fails to identify and define key terms/variables.</li> <li>- Does not categorize the problem at hand.</li> </ul>	
<b>Identify and implement a strategy</b>	Explicitly selects and implements a highly effective solution strategy.	Explicitly selects and implements an adequate solution strategy.	Selects and implements a weak solution strategy.	Does not select or implement a solution strategy.	
<b>Evaluate progress toward the goal</b>	Shows ample evidence of monitoring progress toward a solution during the problem solving.	Shows adequate evidence of monitoring progress toward a solution during the problem solving.	Occasionally monitors progress toward a solution during the problem solving.	Fails to monitor progress toward a solution during the problem solving.	
<b>Solution and reflection</b>	<ul style="list-style-type: none"> <li>- Presents a plan that thoroughly addresses the problem at hand.</li> <li>- Considers the practicality of the solution.</li> <li>- Can justify or validate the solution.</li> </ul>	<ul style="list-style-type: none"> <li>- Presents a plan that adequately addresses the problem at hand.</li> <li>- Considers the practicality of most of the solution.</li> <li>- Can justify or validate most of the solution.</li> </ul>	<ul style="list-style-type: none"> <li>- Presents a plan that fails to address the problem at hand.</li> <li>- Considers the practicality of parts of the solution.</li> <li>- Can justify or validate parts of the solution.</li> </ul>	<ul style="list-style-type: none"> <li>- No solution is presented.</li> <li>- Fails to consider the practicality of the solution.</li> <li>- Can not justify or validate the solution.</li> </ul>	
<b>Skill Proficiency Rating</b>	16-14	13-10	9-6	5-0	Total score

## Assignment Score


**Skill Proficiency Rating:**

**Total Score:**