## Reasoning: Problem Solving

Students' ability to analyze a task, apply tools, execute a plan, and reflect on its effectiveness

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Proficient (able or skilled)</th>
<th>Developing (progressing)</th>
<th>Insufficient (incomplete or unsatisfactory evidence)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>task analysis</strong></td>
<td>student identifies the problem, analyzes the goal, steps to completion, and possible limitations of success</td>
<td>student attempts to identify the problem, analyze the goal, steps to completion, and possible limitations of success</td>
<td>student does not demonstrate problem identification, analysis of the goal, steps to completion, or possible limitations of success</td>
</tr>
<tr>
<td><strong>application</strong></td>
<td>student uses appropriate tools to accomplish tasks</td>
<td>student attempts to use appropriate tools to accomplish tasks</td>
<td>student does not use appropriate tools to accomplish tasks</td>
</tr>
<tr>
<td><strong>execution</strong></td>
<td>student methodically works toward goal; student evaluates steps and takes alternative actions as necessary</td>
<td>student attempts to work toward goal; student attempts to evaluate steps and take alternative actions as necessary</td>
<td>student does not work toward goal; student does not evaluate steps and take alternative actions as necessary</td>
</tr>
<tr>
<td><strong>reflection</strong></td>
<td>student evaluates the effectiveness of plan and considers implications for future tasks</td>
<td>student attempts to evaluate the effectiveness of plan and consider implications for future tasks</td>
<td>student does not evaluate the effectiveness of plan and consider implications for future tasks</td>
</tr>
</tbody>
</table>