

## CRITICAL AND ANALYTICAL THINKING RUBRIC

The habit of mind characterized by comprehensive exploration of issues, ideas, artifacts, and events before accepting or formulating a conclusion. It is the intellectually disciplined process of conceptualizing, applying, analyzing, synthesizing, and/or evaluating information gathered from, or generated by, observation, experience, reflection, reasoning, or communication, as a guide to belief and action.

Criterion	Description	Not Demonstrated (0)	Developing (1)	Satisfactory (2)	Exemplary (3)
<b>CAT1: Exploration</b>	Identification of problems, issues and assumptions and gather information/data.	<ul style="list-style-type: none"> <li>• Fails to identify any issues related to the topic.</li> <li>• Fails to identify any issues from relevant sources or empirical data, and/or uses inappropriate sources.</li> </ul>	<ul style="list-style-type: none"> <li>• Fails to identify pertinent issues, identifies only the most obvious issues or assumptions from relevant sources or empirical data, and/or uses inappropriate sources.</li> </ul>	<ul style="list-style-type: none"> <li>• Identifies issues and assumptions from appropriate sources of information (such as peer-reviewed articles and primary source scholarship) or empirical data to state the issues and assumptions.</li> </ul>	<ul style="list-style-type: none"> <li>• Integrates multiple appropriate sources of information (such as peer-reviewed articles and primary source scholarship) or sufficient empirical data to state the issues and assumptions while recognizing the complexity of the problem.</li> </ul>
<b>CAT2: Analytical Thinking</b>	Analysis of and/or reflection on the information collected using the appropriate tools and prior knowledge.	<ul style="list-style-type: none"> <li>• Fails to use any method to analyze the data.</li> <li>• Analyzes data using incorrect methods and evaluates the information incorrectly.</li> </ul>	<ul style="list-style-type: none"> <li>• Analyzes data using incorrect methods or evaluates the information incorrectly or insufficiently to reveal limited patterns, differences, inconsistencies, and similarities.</li> </ul>	<ul style="list-style-type: none"> <li>• Accurately analyzes and interprets some of the data and evaluates some of the information to reveal patterns, differences, inconsistencies, and similarities.</li> </ul>	<ul style="list-style-type: none"> <li>• Accurately analyzes and comprehensively interprets the data or critiques the information to develop a coherent analysis/synthesis that reveals insightful patterns, differences, inconsistencies, and similarities.</li> </ul>
<b>CAT3: Judgement/ Conclusion</b>	Evidence-based formulation of conclusions/judgments as a guide to belief and action.	<ul style="list-style-type: none"> <li>• Does not produce a conclusion or produces a conclusion not tied to the information collected or with outcomes and actions that do not strengthen the conclusion or fail to broaden the scope of the analysis beyond the stated problem/issue.</li> </ul>	<ul style="list-style-type: none"> <li>• Produces a conclusion that is minimally tied to the information collected or with outcomes and actions that either inadequately strengthen the conclusion or weakly broaden the scope of the analysis beyond the stated problem/issue.</li> </ul>	<ul style="list-style-type: none"> <li>• Develops a conclusion that is logically tied to some of the information collected and includes (possibly incomplete or incorrect) outcomes and actions that either strengthen the conclusion or broaden scope of the analysis beyond the stated problem/issue.</li> </ul>	<ul style="list-style-type: none"> <li>• Formulates a conclusion that is logically tied to the range of information analyzed (including possibly alternative explanations or opposing viewpoints) together with outcomes and actions that would strengthen the conclusion or broaden the scope of the analysis beyond the stated problem/issue.</li> </ul>