



## Informed and Integrative Thinking Scoring Criteria

PERFORMANCE INDICATOR	BEGINNING 1	DEVELOPING 2	PROFICIENT 3	EXPANDING 4
A. Apply knowledge from various disciplines and contexts to real life situations.	I can <ul style="list-style-type: none"><li>Identify connections between what I am learning in different settings.</li></ul>	I can <ul style="list-style-type: none"><li>Identify connections between what I learn in different disciplines and real-life situations.</li></ul>	I can <ul style="list-style-type: none"><li>Analyze real-life situations, data, patterns, texts, artifacts, or other products using knowledge from other disciplines and situations.</li></ul>	I can <ul style="list-style-type: none"><li>Predict outcomes in complex real-life systems using knowledge from other disciplines and situations;</li></ul> Or <ul style="list-style-type: none"><li>Create alternative evidence that expands upon proficient.</li></ul>
B. Analyze, evaluate, and synthesize information from multiple sources to build on knowledge.	I can <ul style="list-style-type: none"><li>Extract information from multiple and varied sources.</li></ul>	I can <ul style="list-style-type: none"><li>Describe and summarize information from multiple and varied sources.</li></ul>	I can <ul style="list-style-type: none"><li>Evaluate the credibility of multiple and varied sources to analyze the interrelationships among concepts.</li></ul>	I can <ul style="list-style-type: none"><li>Draw conclusions based on information from multiple sources;</li></ul> Or <ul style="list-style-type: none"><li>Create alternative evidence that expands upon proficient.</li></ul>
C. Apply systems thinking to understand the interaction and influence of related parts on each other, and on outcomes.	I can <ul style="list-style-type: none"><li>Define a system and identify its parts.</li></ul>	I can <ul style="list-style-type: none"><li>Describe the role of each part of a system and relationships among the parts.</li></ul>	I can <ul style="list-style-type: none"><li>Explain how the interactions of parts of a system influence outcomes.</li></ul>	I can <ul style="list-style-type: none"><li>Apply my understanding of system interactions to make recommendations in a different context;</li></ul>



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				Or <ul style="list-style-type: none"><li>• Create alternative evidence that expands upon proficient.</li></ul>
D. Use evidence and reasoning to justify claims.	I can <ul style="list-style-type: none"><li>• Use information from several sources to generate a claim</li></ul>	I can <ul style="list-style-type: none"><li>• Include information from several sources to support a claim with reasoning.</li></ul>	I can <ul style="list-style-type: none"><li>• Use valid and reliable evidence to support a claim and develop a well-reasoned argument.</li></ul>	I can <ul style="list-style-type: none"><li>• Critique the reasoning and the supporting evidence for an argument to determine its credibility;</li></ul> Or <ul style="list-style-type: none"><li>• Create alternative evidence that expands upon proficient.</li></ul>
E. Develop and use models to explain phenomena.  (Definition: A model is a representation of a system, process or complex concept.)	I can <ul style="list-style-type: none"><li>• Identify the key components of a system in an existing model.</li></ul>	I can <ul style="list-style-type: none"><li>• Use an existing model to explain a system or situation, and identify relationships within the system.</li></ul>	I can <ul style="list-style-type: none"><li>• Create and use an evidence-based model to explain a system or situation and analyze relationships within it.</li></ul>	I can <ul style="list-style-type: none"><li>• Explain limitations, identify flaws, and revise the model based on new learning;</li></ul> Or <ul style="list-style-type: none"><li>• Create alternative evidence that expands upon proficient.</li></ul>
F. Use technology to support and enhance the critical thinking process.	I can <ul style="list-style-type: none"><li>• Explore a range of appropriate technology, including digital technology that would support my thinking.</li></ul>	I can <ul style="list-style-type: none"><li>• Identify situations in which the use of technology, including digital technology, would support my thinking.</li></ul>	I can <ul style="list-style-type: none"><li>• Use technology, including digital technology, to organize, analyze, and synthesize information.</li></ul>	I can <ul style="list-style-type: none"><li>• Justify or explain innovations I have made in my use of technology, including digital</li></ul>



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				<p>technology, to contribute to my thinking process;</p> <p>Or</p> <ul style="list-style-type: none"><li>• Create alternative evidence that expands upon proficient.</li></ul>
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