Informed and Integrative Thinking

 Scoring Criteria

| PERFORMANCE INDICATOR | BEGINNING | DEVELOPING | PROFICIENT | EXPANDING |
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| 1. Apply knowledge from various disciplines and contexts to real life situations.
 | I can * Identify connections between what I am learning in different settings.
 | I can* Identify connections between what I learn in different disciplines and real-life situations.
 | I can* Analyze real-life situations, data, patterns, texts, artifacts, or other products using knowledge from other disciplines and situations.
 | I can* Predict outcomes in complex real-life systems using knowledge from other disciplines and situations;

Or* Create alternative evidence that expands upon proficient.
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| 1. Analyze, evaluate, and synthesize information from multiple sources to build on knowledge.
 | I can * Extract information from multiple and varied sources.
 | I can* Describe and summarize information from multiple and varied sources.
 | I can* Evaluate the credibility of multiple and varied sources to analyze the interrelationships among concepts.
 | I can* Draw conclusions based on information from multiple sources;

Or* Create alternative evidence that expands upon proficient.
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| 1. Apply systems thinking to understand the interaction and influence of related parts on each other, and on outcomes.
 | I can* Define a system and identify its parts.
 | I can* Describe the role of each part of a system and relationships among the parts.
 | I can* Explain how the interactions of parts of a system influence outcomes.
 | I can* Apply my understanding of system interactions to make recommendations in a different context;

Or* Create alternative evidence that expands upon proficient.
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| 1. Use evidence and reasoning to justify claims.
 | I can * Use information from several sources to generate a claim.
 | I can* Include information from several sources to support a claim with reasoning.
 | I can* Use valid and reliable evidence to support a claim and develop a well-reasoned argument.
 | I can* Critique the reasoning and the supporting evidence for an argument to determine its credibility;

Or* Create alternative evidence that expands upon proficient.
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| 1. Develop and use models to explain phenomena.

(Definition: A model is a representation of a system, process or complex concept.) | I can* Identify the key components of a system in an existing model.
 | I can* Use an existing model to explain a system or situation, and identify relationships within the system.
 | I can * Create and use an evidence-based model to explain a system or situation and analyze relationships within it.
 | I can* Explain limitations, identify flaws, and revise the model based on new learning;

Or* Create alternative evidence that expands upon proficient.
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| 1. Use technology to support and enhance the critical thinking process.
 | I can* Explore a range of appropriate technology, including digital technology that would support my thinking.
 | I can * Identify situations in which the use of technology, including digital technology, would support my thinking.
 | I can* Use technology, including digital technology, to organize, analyze, and synthesize information.
 | I can* Justify or explain innovations I have made in my use of technology, including digital technology, to contribute to my thinking process;

Or* Create alternative evidence that expands upon proficient.
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