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. |
| 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. |
| 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. |
| 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. |
| 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. |
| 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. |