

CONTENT AREA	PERFORMANCE QUALITY			
Row 1: Creating Artifacts: Process and Tools	The computational artifact is non-textual and conveys a minimal, unclear, or otherwise ineffective explanation, illustration or representation of the computing innovation’s intended purpose, its function, or its effect. OR The computational artifact is primarily textual and does not simply repeat information supplied in the written response. 4	The computational artifact is primarily non-textual and conveys the computing innovation’s intended purpose, its function, or its effect. 8	The computational artifact is primarily non-textual and conveys the computing innovation’s intended purpose, its function or its effect in an effective manner, either through richness of detail, breadth of scope, or creative expression. 12	Task: 1; 2a LO: 1.2.1; 1.2.2
Row 2: Creating Artifacts: Process and Tools	The response identifies the computing tool(s) and describes their development process. 3	The response identifies the computing tool(s) and describes multiple integrated steps in their development process to create the computational artifact. 6	The response identifies the computing tool(s) and describes multiple integrated steps in their development process to create the computational artifact and how the specific features of the computing tool(s) enabled the creation of an appropriate illustration, representation, or explanation of the computing innovation’s purpose, function or its effect. 9	Task: 2b LO: 1.2.2
Row 3: Analyze impact of computing	The response identifies either a beneficial or a harmful effect of the computing innovation and relates it to the impact on society, economy, or culture. **Note: Students are describing only one effect. 5	The response identifies and describes a beneficial and a harmful effect of the computing innovation and explains the impact of either on society, economy, or culture. The explanation lacks detail. **Note: Students must describe both a harmful and a beneficial effect. 10	The response identifies and provides a detailed explanation of a beneficial and a harmful effect of the computing innovation and explains the impact of both on society, economy, or culture. **Note: Students must describe both a harmful and a beneficial effect. 15	Task: 2c LO: 7.1.1.; 7.3.1; 7.4.1
Row 4: Analyze data and information	The response identifies the data used in the computing innovation. OR The response identifies a data storage, privacy, or security concern. 4	The response identifies the data used in the computing innovation. AND The response describes a data storage, privacy, or security concern. 8	The response identifies the data used in the computing innovation and describes how the computing innovation uses it as input, as output, or how it is transformed. AND The response provides a detailed description of a data storage, privacy, or security concern and connects it to the computing innovation. 12	Task: 2d LO: 3.3.1
Row 5: Find and Evaluate Info.	Either one or two references have been provided OR there are no citations or attributions. OR Reference information is incomplete. 1	The response references, attributes and/or cites three sources. 2	Three complete references have been provided. All references have been cited or attributed within the text. 3	Task: 2e LO: 7.5.2

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