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| **Computing Innovation Exploration Scoring Rubric** |

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| **Points** | **Task** | **Scoring Criteria** | **Decision Rules** | **Scoring Notes** |
| **3** | Computational artifact | The computational artifact:   * Identifies the computing innovation. * Provides an illustration, representation, or explanation of the computing innovation’s intended purpose, function, or effect. * Illustrates how and/or the types of data the innovation uses | Deduct for any of the following:   * There is no artifact * The artifact does not represent a computational innovation * The artifact does not identify the innovation clearly * The artifact does not illustrate, represent or explain the innovation’s intended purpose, function, or effect * The artifact does not illustrate how and/or the types of data the innovation uses * No effort to present the computing innovation in a visually appealing logical format |  |
| **2** | Select a computing innovation response | The project guide:   * Indicates the computing innovations * Describes the computing innovation’s purpose or function | Deduct for any of the following:   * The identified innovation is not a computing innovation * The written statement describes an effect of the innovation instead of its purpose or function * No effort to respond using complete sentences, punctuation, and proper grammar |  |
| **4** | Explain the beneficial and harmful effects of a computing innovation | The project guide:   * Identifies one beneficial effect * Explains how the beneficial effect relates to society, economy, or culture * Identifies on harmful effect * Explains how the harmful effect relates to society, economy, or culture | Deduct for any of the following:   * The response is missing a plausible beneficial effect * The response is missing a plausible harmful effect * The explanation does not connect the beneficial effect to society, economy, or culture * The explanation does not connect the harmful effect to society, economy, or culture * No effort to respond using complete sentences, punctuation, and proper grammar |  |
| **3** | Describe the data your innovation uses | The project guide:   * Identifies the data that the identified or described computing innovation uses * Explains how that data is consumed, produced, OR transformed * Identify one data storage, data privacy, OR data security concern related to the identified or described computing innovation. | Deduct for any of the following:   * The response does not state the specific name of the data or simply says “data” * The response fails to explain what happens to the data * The response confuses the source of the data with the data. * the response identifies or describes a concern that is not related to data * No effort to respond using complete sentences, punctuation, and proper grammar |  |
| **2** | Reference your sources | The project guide:   * References at least 3 different sources. | Deduct for any of the following:   * The response contains a list of sources only, no citations * The response contains less than three in-text citations * Two of the citations are not from 2021. |  |