# **Unit 5 Chapter 1 Project Rubric**

| **Key Concept** | **Extensive Evidence** | **Convincing Evidence** | **Limited Evidence** | **No Evidence** |
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| Modeling and Problem Solving with Data: Develop a data-based model | The description of the perfect day clearly relates to each piece of information encoded into the representation. | The description of the perfect day relates to most pieces of information encoded. | The description of the perfect day relates to at least one piece of information encoded. | There is no relationship between the description and encoded information. |
| Binary Systems | The numbers and characters in the representations have been encoded and decoded correctly. | Most of the numbers and characters in the representation have been encoded and decoded correctly, with some minor errors. | Some of the numbers and characters in the representation have been encoded and decoded correctly. | The numbers and characters are not encoded or decoded correctly, or the representation is blank. |
| Data Encoding Systems | The representation consistently uses the numbers, characters, and images as agreed upon by the class. | The representation generally uses the numbers, characters, and images as agreed upon by the class, but may have minor inconsistencies. | The representation uses some of the numbers, characters and images as agreed on by the class. | The representation does not follow the structure as agreed upon by the class. |
| Modeling and Problem Solving with Data: Drawing conclusions from data | The description of the classmate’s perfect day clearly relates to the information encoded into the representation. | The description of the classmate’s perfect day relates to each piece of information encoded. | The description of the classmate’s perfect day relates to at least one piece of information encoded. | There is no relationship between the description and the classmate’s encoded information. |

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