cs.google.com/document/d/1P2ay-CQ0LRXwxCF7Ni6uZATZ6OzFlk-4ZJ510Ox4HyU/edit?usp=sh

|  | **Rubric - Encoding Numbers in the Real World** |  |
| --- | --- | --- |

**Rubric and Checklist: Jigsaw Reading and Presentation**

Evaluate the success in researching and presenting what you learn about the importance of number representations, according to the following criteria. Justify your score for each rating.

| **Criteria** | **No** | **A little bit** | **Yes** | **Comments** |
| --- | --- | --- | --- | --- |
| Student is prepared and fully participates in the activity.  |  |  |  |  |
| Student participates with others toward the stated goal. |  |  |  |  |
| Student shares relevant content and summarizes what the article is about: is this a problem, some history, some news? |  |  |  |  |
| Student highlights the main interest of the reading. |  |  |  |  |
| Student explains a connection to the representation of numbers, |  |  |  |  |

1. Of all the number systems in the world, why do you think modern computers have settled on binary? Why didn’t someone build a computer that used base 10?
2. List a few rules number encoding systems must follow in order to be useful.
3. Why do you think some number encoding systems are more successful than others?