**Concept Screening and Selection Worksheet**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sketch** |  |  |  |  |
| **Name the sketch** |  |  |  |  |

1. Sketch four designs that the group has decided to consider in the boxes below.
2. Screen the concepts, based on criteria that the class has selected. Use the traditional cast as the standard for comparison.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Selection Criteria** | **Name of Design** | | | | |
|  |  | Traditional Hickman |  |  |
|  |  |  | 0 |  |  |
|  |  |  | 0 |  |  |
|  |  |  | 0 |  |  |
|  |  |  | 0 |  |  |
|  |  |  | 0 |  |  |
|  |  |  | 0 |  |  |
| **Sum of +** |  |  | 0 |  |  |
| **Sum of -** |  |  | 0 |  |  |
| **Sum of 0** |  |  |  |  |  |
| **Net Score** |  |  |  |  |  |
| **Overall rank** |  |  |  |  |  |
| **Continue to develop?** |  |  |  |  |  |

+ means that the concept is an *advantage* when compared to the standard

- means that the concept is a *disadvantage* when compared to the standard

0 means that the concept is *neither* an advantage nor disadvantage when compared to the standard