**Spring into Engineering Design Student Challenge Rubric**

**Student ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total Score: \_\_\_\_\_\_\_\_/34**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Category** | **Criteria** | **Possible Point Values\*** | | |
| **Does not meet expectations** | **Approaching expectations** | **Meets expectations** |
| Organization | The presentation is organized logically. | 0 | 1 | 2 |
| Presentation is concise. | 0 | 1 | 2 |
| Presentation | Little to no grammatical/spelling errors are present. | 0 | 1 | 2 |
| Presentation is informative. | 0 | 1 | 2 |
| Presentation is less than 3 minutes. | 0 | 1 | 2 |
| Engineering Design Process | The item is repurposed in a creative and innovative way. The new use is unexpected and original. | 0 | 2 | 4 |
| The design solves a clear problem or improves the item’s functionality. | 0 | 2 | 4 |
| The engineering design process is thoroughly followed with clear documentation and evidence of testing and refinement. | 0 | 2 | 4 |
| Sources | Student supports claims by citing sources within the presentation verbally or in writing. | 0 | 1 | 2 |
| Student uses only reliable sources. | 0 | 1 | 2 |
| Student has cited the sources used at the end of the presentation. | 0 | 1 | 2 |
| Communication | Student shows above average technology skills. | 0 | 1 | 2 |
| Student communicates ideas effectively. | 0 | 1 | 2 |
| Student presentation method is age appropriate. | 0 | 1 | 2 |