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| Student Name: |  |
| Project Category: |  |
| Project Location: | Project ID #: |

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|  | No Evidence | Evident but Incomplete | Evident & Complete | Superior  Example |
| 1. Presented a testable question or problem that could be addressed with an experiment or the design process | 0 | 1 | 2 | 3 |
| 1. Proposed a hypothesis or engineering solution that gives a testable answer to the question/ problem. | 0 | 1 | 2 | 3 |
| 1. Correctly identified one independent/ manipulated variable and one dependent/responding, measurable variable. | 0 | 1 | 2 | 3 |
| 1. Evidence of grade-level appropriate background research. | 0 | 1 | 2 | 3 |
| 1. Procedures are described in sufficient detail to allow replication by another person. | 0 | 1 | 2 | 3 |
| 1. Evidence of a thorough experiment/ engineering plan with proper controls. (i.e. photos, diagrams, data tables) | 0 | 1 | 2 | 3 |
| 1. Observations or data recorded in a log book during the experiment/ process. | 0 | 1 | 2 | 3 |
| 1. Appropriate tools/equipment were used to collect data. | 0 | 1 | 2 | 3 |
| 1. Data presented is relevant to the question or problem. | 0 | 1 | 2 | 3 |
| 1. Data is displayed in an age-appropriate table and graph. | 0 | 1 | 2 | 3 |
| 1. The data was used to answer the question or to evaluate the hypothesis or problem. | 0 | 1 | 2 | 3 |
| 1. The conclusion was supported with evidence. (No penalty for inconclusive data) | 0 | 1 | 2 | 3 |
| 1. The project is presented in a manner that makes the purpose, procedure, and results clear. | 0 | 1 | 2 | 3 |
| 1. Included age-appropriate visual components to provide a detailed description of the project | 0 | 1 | 2 | 3 |
| 1. Student displayed creativity in the question, approach, technique, and/or the explanation. | 0 | 1 | 2 | 3 |
| Total Score: \_\_\_\_\_\_\_\_\_\_\_/45 | | | | |