Review of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_’s project about\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(young engineer(s)

|  |  |  |
| --- | --- | --- |
| **Segment** | **Points** | **Requirements (missing items circled)** |
| **Research Problem** | 10 | description of a practical need or problem to be solved, definition of criteria for proposed solution explanation of constraints |
| **Design and Methodology** | 15 | exploration of alternatives to answer need or problem identification of a solution development of a prototype/model |
| **Execution:**  **Construction and Testing** | 20 | prototype demonstrates intended design prototype has been tested or a plan for how to test in multiple conditions/trials prototype demonstrates engineering skill and completeness |
| **Innovative** | 10 | project demonstrates significant creativity in design, methodology, or execution |
| **Poster** | 20 | logical organization of material clarity of graphics and legends supporting documentation displayed |
| **Interview** | 25 | clear, concise, thoughtful responses to questions understanding of basic science relevant to project understanding interpretation and limitations of results and conclusions  accurately explains energy transfers in the system degree of independence in conducting project recognition of potential impact in science, society and/or economics quality of ideas for further research for team projects, contributions to and understanding of project by all members |
| TOTAL | 100 | **The best part(s) (be specific)** |
| **Improvements may be possible (be specific)** | | |