Science Fair Judges Scoring Sheet

Mrs. Spock 8th grade Science Fair

Project title \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student’s name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Project Elements** | **Maximum Score** | **Score** |
| **Scientific** Approach (max 25 points)Does the project include…..* a testable experimental question?
* a clearly stated hypothesis that was developed based on background research?
* a logical experimental procedure that is easy to follow?
* clearly defined variables?
 | 25 points |  |
| **Comments and notes** |  |  |
| **Data Collection and Conclusion (Max 30 points)**Did the student …..* Run a sufficient number of trials/tested a sufficient number of test subjects?
* Organize the data in tables and graphs effectively?
* Derive an appropriate conclusion from the data?
* Clearly relate conclusions back to the hypothesis, key scientific concepts and background research?
 | 30 points |  |
| **Comments and notes** |  |  |
| **Innovation and Creativity (Max 20 points)*** Was there complexity to any aspect of the project?
* Does the project show originality of thought, design or implementation of the experiment?
* Was there a lot of effort put into the project?
 | 20 points |  |
| **Comments and notes** |  |  |
| **Engineering Log (Max 10 Points)**: * Is there evidence of extensive background research?
* Is there evidence of how the student thought through the experimental process and collected data?
 | 10 points |  |
| **Comments and notes** |  |  |
| **Presentation (Max 15 points)*** Does the student’s presentation/interview provide a thorough picture of the project?
* Does the student communicate effectively about the project? Can the student defend the design choices and conclusions that he/she has made?
* Does the student refer to his/her research when presenting the project and is that research reasonable?
 | 15points |  |
| **Comments and Notes** |  |  |
| **Total Score**  | 100 |  |
| Judge’s comment to the student: |