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: | | |