**IRP Experiment Rubric** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_

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| --- | --- | --- |
| **Criteria** | **Score** | **Comments** |
| **5** | **4** | **3** | **2** | **1** | **0** |
| **Title** – Succinctly states the problem under investigation and reflects the content of the paper |  |  |  |  |  |  |  |
| **Purpose** – Includes the problem in the form of a question, what the student will investigate, and what the student expects to learn from the project |  |  |  |  |  |  |  |
| **Hypothesis** – A testable explanation for the relationship between the IV and DV, based on the student’s research paper, and uses “If… then” format |  |  |  |  |  |  |  |
| **Materials** – All materials presented in a separate list with details such as sizes and amounts included |  |  |  |  |  |  |  |
| **Procedure** – A numbered, detailed list of how the experiment is performed |  |  |  |  |  |  |  |
| **Experimental Design** – States the number of trials, IV, DV, control group, experimental group, and constants |  |  |  |  |  |  |  |
| **Data** – Data table with proper title, headings on rows and columns with labeled metric units; No data should be filled in at this point, but there should be a statement describing the data to be collected (qualitative or quantitative)  |  |  |  |  |  |  |  |
| **Formatting** – 1-in. margins, 12 pt font, Times New Roman, double-spaced, neat, organized, proper spelling and grammar |  |  |  |  |  |  |  |

Score: \_\_\_\_ / 40 Approved? \_\_\_\_ YES \_\_\_\_ NO, resubmit by \_\_\_\_\_\_\_