**Rubric for Scientific Paper Summary and Presentation**

Total Score: /100

|  |  |  |
| --- | --- | --- |
| **Aspect of the Paper Summary or Presentation** | **Point Value** | **Comments** |
| **1** | **2** | **3** | **4** |
| **Introduction** **(Summary Paper)** |  |  |  |  |  |
| * Title of research paper is given at top
 |  |  |  |  |  |
| * Full citation of paper is included at top
 |  |  |  |  |  |
| * Purpose of the study is stated
 |  |  |  |  |  |
| * Hypothesis of author(s) is stated
 |  |  |  |  |  |
| * Results of study are included
 |  |  |  |  |  |
| **Explanation of Research/Experiment (Summary Paper)** |  |  |  |  |  |
| * The methods used to conduct the study are clearly explained
 |  |  |  |  |  |
| * Explanation of methods is accurate and complete
 |  |  |  |  |  |
| * Major results of the study are stated
 |  |  |  |  |  |
| **Summary of Research/Experiment (Presentation)** |  |  |  |  |  |
| * Summary of research paper is given
 |  |  |  |  |  |
| * Methods are explained succinctly (explanation of methods should not be as lengthy as it was summary paper)
 |  |  |  |  |  |
| * Student shows clear understanding of the research study/experiment
 |  |  |  |  |  |
| * Student shows thorough knowledge of the original research paper
 |  |  |  |  |  |
| * Student offers analysis of author’s methods and findings
 |  |  |  |  |  |

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| **Aspect of the Paper Summary or Presentation** | **Point Value** | **Comments** |
| **1** | **2** | **3** | **4** |  |
| **Critique of Research/Experiment (Presentation)** |  |  |  |  |  |
| * Student clearly states the results of the study/experiment
 |  |  |  |  |  |
| * Analysis of the study/experiment is given
 |  |  |  |  |  |
| * Evaluation of the study/experiment is given
 |  |  |  |  |  |
| * Student explains the significance of the study/experiment
 |  |  |  |  |  |
| * Student suggests possible avenues of further research
 |  |  |  |  |  |
| **Scientific Language** **(Summary Paper and Presentation)** |  |  |  |  |  |
| * Appropriate use of scientific terms
 |  |  |  |  |  |
| * Uses phrases that are consistent with the nature of science
 |  |  |  |  |  |
| **Mechanics****(Summary Paper and Presentation)** |  |  |  |  |  |
| * *Summary Paper:* Sentences and paragraphs help to develop the main idea (organization)
 |  |  |  |  |  |
| * *Summary Paper:* Uses complete, proper subject-verb agreement (grammar)
 |  |  |  |  |  |
| * *Summary Paper:* Uses appropriate spelling, punctuation, and capitalization (conventions)
 |  |  |  |  |  |
| * *Presentation:* Student does not rely on PowerPoint in explaining the study/experiment

  |  |  |  |  |  |
| * *Presentation:* Student shows knowledge of the study/experiment and of the science behind it in answering questions
 |  |  |  |  |  |