|  |  |
| --- | --- |
| **POSTER PRESENTATION RUBRIC** | |
| **Names:** | **Date:** |
| **Lab Presented:** | |
|  | |

| **Category** | **Scoring Criteria** | **Points Possible** | **Points Earned** |
| --- | --- | --- | --- |
| **Title** | * Descriptive title * Names of Presenters | 5 |  |
| **Introduction** | * The purpose of the experiment. * Statement of hypothesis. * Background Information | 15 |  |
| **Materials and Methods** | * Materials used   *Procedure:*   * Brief description on poster with detailed oral description * What measurements were made and how was data collected? | 10 |  |
| **Results** | * A written summary of all results. * Data Table: Label all columns and rows and include units; numbered and titled in an informative matter. * Graph of data: title, correct axis orientation, correct labeling (with units), scaled properly, best fit line (plateau) * Lines on graph either clearly labeled or with a clear legend. | 20 |  |
| **Discussion** | * Explanation of why the dependent variable was affected by the independent variable. * Explanation of discrepant data points (when present). * State whether the data supports or negates the hypothesis proposed. Discuss this using specific data from the lab. * Explanation of meaningful sources of error and how they affected the data. How can the experiment be improved to reduce the errors? | 20 |  |
| **Conclusion** | * Explain the significance of the results in relation to what was discussed in the introduction. * What further experiments should be performed to clear up discrepancies or ambiguities in the results? * How might this work best be continued or extended? (Suggest further experiments that might be done. * 150 words or less. * End with a clear, summarizing statement. | 15 |  |
|  |  |  |  |
| **Presentation**  **Points** | * Was the poster clear? Colorful? Creative? * Clarity and mechanics of writing, grammar, spelling, punctuation, etc. * Did all members of the group participate equally in the presentation? * Did the information come from the presenters? Was too much information on the poster? | 10 |  |
| **Final Product**  **Points** | * Sections in correct order, neatness, proof reading | 5 |  |
| **TOTAL POINTS** | | **100** |  |
| **Comments:** | | | |