**LABORATORY REPORT RUBRIC**

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| **A. Title**   * Summarizes experiment |
| **B. Purpose**   * Relevant information * Purpose of conducting the experiment * What do you hope to learn |
| **C. Hypothesis**   * Use if/then/because statement * Explanation of prediction-predict outcome * Should be based on the purpose of the lab (not a summary of the purpose) |
| **D. Materials/Procedure (Experimental Design)**   * List of all materials * Independent variable (if applicable) * Dependent variable (if applicable) * Controls/constants (if applicable) * List of procedure |
| **E. Data/Results**   * Qualitative data: Observations/Drawings/Notes * Quantitative data: Calculations, numbers, values * Data table with clear data * Data table is labeled and units are noted * Graphs present to show quantitative data * Both axis labeled properly * Key for data table * Units marked clearly * Proper type of graph used |
| **F. Discussion/Questions**   * Analyze controls and variables * Compare findings to research * Make suggestions for improvement * Analysis questions (if present) |
| **G. Conclusion**   * Restate your purpose * Explain major findings * Does data support your conclusion * Explanation of observed phenomena * Explain why data does/does not confirm your hypothesis. |