**Template for Writing a Chemistry Lab report**

**Lab Report**

**Title of Investigation you may get this from the protocol**

Your Name Date of Experiment Period

**Objective**: **This is the question you will answer in the conclusion, such as “Quantify the relationship between the pressure, volume and temperature of an enclosed gas.” In some investigations, when required, you will also include an hypothesis like “if the temperature increases, the rate will increase.”**

**Materials and Procedure: procedure could reference a specific published protocol, with any modifications you made. Always include safety issues.**

**Qualitative Data: things like color, shape, or other non-number properties**

**Quantitative Data: organize in tables, with appropriate units**

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**Calculations and graphs**:

**Here show a sample of each calculation that you used to get your results. Any graphs that help illustrate trends or patterns should also be presented here.**

**Results: Numerical results presented in table form. You may show briefly here the logic that connects your graphs, calculations and ultimate conclusion.**

**Conclusion: Here you answer the question raised in the objective. If the objective is brief, then you should be able to write a brief conclusion.**

**Extensions: Here, if you wish, you will discuss sources of systematic error, factors that might influence random error, and extension work that the experiment suggests.**