

**Lenape Regional High School District
Formal Laboratory Report**

NAME
Lab partner(s) name(s)
Date of lab
Period

Descriptive Title (should include the variable when appropriate)

Introduction or Abstract (where required):

May include background information pertinent to the understanding of the experiment, the hypothesis when appropriate, and/or a quick summary of the report.

Objective:

Purpose of the lab or experiment

Procedure/Methods/Materials:

Description of how the experiment was performed, including materials and equipment used. Pre-lab questions may also be included.

Data:

All observations and measurements. When appropriate, data should be organized in tables, as drawings, etc. May be combined with Results if no calculations are needed.

Calculations/Analysis/Results:

Should include a sample of each of the calculations, including the analysis of the calculations, performed on the data when necessary. Results of calculations or any other manipulation of the data should be organized in tables and graphs where appropriate. These may be separated into individual sections as necessary.

Analysis/Conclusions:

Discussion of how the data and results apply to the purpose of the laboratory exercise and/or the hypothesis – in other words, what do the data/results show, is the hypothesis supported, what if any experimental error was there and how could it be corrected, etc. Additional questions generated by the teacher may be included. Specific data analysis would be omitted from this section if included with “Calculations”.

Formal lab reports should be typed, 12-point font, double-spaced unless instructed otherwise by the teacher.