

Labs are typically performed on Day 1 of the cycle. The lab report is then due at 3:00 pm of the following Day 1.

THE LAB NOTEBOOK

Copy the purpose of the lab into the notebook. All measured quantities should be neatly recorded in tables with units. When you are finished, have Mr. Mont sign your book. You can use your notebook to do calculations as well, but you are not required to.

THE LAB REPORT FORMAT

Note: the lab report must be done digitally. On the other hand, you may wish to write down a calculation or draw a diagram on paper and use Photo Booth to include it in your report.

I. Purpose

This section consists typically of a single sentence. For example: "Predict the displacement of a chalkboard eraser, given its start velocity."

II. Procedure

This section consists of a list of materials, lab setup, and a prose or step-by-step (your choice) description of what you did to accomplish the purpose. The description must be complete enough to allow another group to reproduce exactly what you did. Feel free to include Photo Booth pictures of your lab setup.

III. Data

Your data table should include all measured quantities with units.

IV. Analysis

Graphs and calculations would go into this section. If there are repetitive calculations, you can include a sample calculation to save time.

V. Conclusion

This section should begin with a statement of your findings. For example, "We predicted that the chalkboard eraser would go 4.8 meters, given a start velocity of 6 m/s." Follow up with a list of possible sources of error. In cases where your prediction was tested for accuracy, you should include a statement of how far off your prediction was.