

Earth Science Lab Report Expectations
(Keep this document handy for reference throughout the semester!)

- All reports are typed into Google Docs.
- Please include a heading in the upper right corner: Name, Period, Date
- Label each section so I can tell where it begins and I don't have to hunt for it.
- The sections to include in the report are as follows (**in order**):

Title: Specific to each lab (not "Lab Report")

Purpose: 1-2 sentences explaining the purpose

Materials: list any materials necessary to conduct the experiment.

Procedure: no required length; should give anyone the directions to reproduce the experiment in EXACTLY the same conditions in which you perform them.

Data: organized in table form

Results: a description of the data collected, including ALL observations before and after the experiment and any errors in the procedure.

Analysis: Any graphs will be included in this section - they must be properly labeled; add anything else that would connect the experiment to the content (hint: **use the vocabulary** that will connect the content with your investigation); this is where you EXPLAIN the results using EVIDENCE from your data to support the justification of your claim.

Conclusion: This should sum up the lab. This should also include some (at least 3) or all of the following:

- What did you learn?
- Did you prove/disprove a hypothesis?
- Were there any errors? How would you correct them?
- If you continued or changed the experiment, what would you do? How or why?
- Are there any "I wonder" moments in the lab?
- Add any additional reflections here

As always, let me know if you have any questions! I'm here to help!