

Density Lab Report Rubric

DUE DATE _____

Title page:

_____ Includes a **scientific title** that explains the lab, **the lab date, period, name (5pts)**

Purpose:

_____ Clear, concise and meaningful. What are you trying to accomplish? **(5 pts)**

Materials:

_____ Complete **list**. No bullets or numbers! **(5 pts)**

Procedure:

_____ Clear, concise; complete; repeatable; accurately represents EXACTLY what was done in the lab.
list of steps (5 pts)

Data and Observations:

_____ Easy to read and complete; tables are accurate and appropriate; tables titled and labeled; **(10 pts)**

_____ Correct number of sig figs are reported for each measuring device; **(5 pts)**

_____ Observations are clear and concise; detailed information **(5 pts)**

Calculations/Graphs:

_____ All work is shown; **(5 pts)**

_____ Graph is accurate and appropriate; titled, labeled, appropriately scaled **(10 pts)**

_____ Answers are correctly calculated **(5 pts)**

_____ Answers to calculations are rounded to the correct number of sig figs; **(5 pts)**

_____ Steps are clearly labeled and *process* is communicated; **(5 pts)**

_____ Percent error is correctly calculated; work is shown; **(5 pts)**

Conclusion:

_____ Meaningful; answered the purpose, understanding of the purpose of the lab is apparent **(5 pts)**

_____ Discussion includes a connection between student's measured results and expected results
(5 pts)

Sources of Error Discussion:

_____ **THREE** Sources of error are discussed; discussion is comprehensive, explain how the result of the lab was impacted **(NO human error or instrument error) (10 pts)**

Questions

_____ Answered fully, clearly, and concisely **(5 pts)**

Works Cited

_____ MLA format, MUST cite the lab sheet **(5 pts)**

Expectations:

_____ Lab write-up is professional (past tense verbs, no pronouns, subscripts, grammar, and spelling)
(10 pts)

_____ Format is professional (1" margins, 12 pt font, Times New Roman, double spaced, typed) **(10 pts)**

_____ Outcome is scientific **(5 pts)**

_____ TIN Submission – MUST be under 20% **(20 pts.)**

Your Points _____/150 **Grade** _____