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 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 (TIN Submission):
_____ Meaningful; 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 (TIN Submission):
_____ **THREE** Sources of error are discussed; discussion is comprehensive, explain how the result of the
  lab was impacted **(10 pts)**

Works Cited:
_____ MLA format, at least one source **(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 _____/140   Grade _____