LAB #2 Separation of the Components of a Mixture

*Keep in mind the difference between a lab notebook and a lab manual. The lab manual serves as a guide for the experiment. ALL experimental data is recorded initially in the lab notebook and then transferred to the lab manual. ALWAYS write with pen in the lab notebook.

*Notebooks will be graded during the laboratory class. This is worth 10% of your laboratory grade. And it must be signed by the TA before you leave.

*A notebook should contain the following:
  *Before Coming to Lab: Experiment number and title
    Purpose (one or two sentences)
    Procedure (an outline of the lab manual is sufficient)
  *During Lab: All numerical data (MUST include label and units)
    All Observations
  **Keep in mind that I expect to see very little written in the lab manual and all your results and observations should be recorded in the lab notebook. **
  *At home: Calculations
    Chemical Equations
    Results
  *Before leaving the lab you MUST have your lab notebook signed by the TA. Zero credit will be given to a notebook without a signature.

*LAB REPORT (Grading Criteria)
Requirements for the Lab notebook are found in the syllabus. This week’s lab will be graded in the following way:
*No Prelab assignment
*Purpose (2 points)
*Parts A-D
  Data (1/2 point for each weighing)
  Sums (1/2 point each)
  Averages (1/2 point each)
  Average Deviation (1/2 point each)
  Sample Calculations (2 points each)
  Density (1 point each trial)
  Quality of Results (12 points for part C and 12 points for part D)
  Question #1 (3 points)
  Question #2 (2 points)
  Question #4 (3 points)
  Question #5 (2 points)
*Conclusion (4 points)
*Lab reports are due at the BEGINNING of the lab next week.