

Dougherty Valley High School Chemistry
Pre-Lab Assignment for all labs
ONLY BLACK OR BLUE PEN

- A. Summarize the lab in bullet points [**Label everything**]
 - a. Full sentences not needed
 - b. A brief summary of experiment is needed not including “objectives” and “Purpose”
 - c. Objective(s) (What are you going to learn from this experiment, techniques?)
 - d. Purpose of the lab (The “why” are you conducting the lab)
- B. Draw setups (if applicable)
- C. **Make a Reagents Table (chemicals used as if solids and solutions of) – must be a TABLE**
 - a. Name, formulas (w/ molecular weight), physical properties (MP, BP, Density), physical state at room temperature, safety concerns – be specific – **all in separate columns**
 - b. Solutions if applicable and on MSDS
 - c. Chemical **IF** used as solvent only needs MSDS of solution, not solid form
 - d. Note safety/cleanup points (if provided, all should be – BE DESCRIPTIVE)
 - e. MSDS is a good starting point
- D. Complete pre-lab questions, must show all work for calculations, be detailed always (if applicable).
- E. You should be able to do the lab with nothing but your notebook.
 - a. Re-write the Procedure in your own words (does not mean to combine steps)
- F. You may do in flow chart style that is always fine too. (UNLESS Inquiry based lab)
- G. The **PURPOSE** of this assignment is to get you to synthesis the steps by putting it in your own shortened version.
- H. Data tables (see below) – not collected until lab report is due, put on next page after pre-lab
 - a. Set up your data table(s) for observations, both QUANTITATIVE and QUALITATIVE on a different page from the pre-lab for every experiment. Make it large (not necessarily the whole page, your choice). Must be two separate tables. Do not combine Qual. And Quant. Tables. Title of data table must contain the reaction(s) that is/are occurring. Must be completed prior to the experiment, will be checked
- I. This will be collected prior to the beginning of lab, except the data tables. **Worth 30 points in Lab category**

SAVE THIS PAGE

This pre-lab assignment can change at teacher's discretion