

LABORATORY REPORT FORMAT

All labs must be typed. You and your partner will only have to hand in ONE copy of the lab.

1. A (decorative?) cover sheet containing the title, the student's name along with his/her partner's name, school, date, teacher's name, course code and lab station used. All of this information must appear on your coversheet! You both must hand in a title page (even if it's not a fancy one). Staple both title pages to the front of the lab.
2. Solution Calculations Show how each of the solutions used in the lab was prepared. Each group that makes the solution will put their calculations on the board.
3. Purpose A statement or aim of the experiment. Keep in short (one or two sentences)
4. Materials List all the relevant materials used in the lab
5. Procedure "See experimental handout" is the most common way of handling this. Make sure you include the handout as part of your lab report and **list any changes made to the procedure.**
6. Observation a) qualitative Describe chemicals used in the "before, during, and after" method
b) quantitative All measurements will be in this section
7. Questions Answer all of the questions assigned. Also the place where graphs should be placed.
8. Experimental Analysis a) qualitative Critically examine the apparatus and procedures used in the lab and identify the sources of possible error and state their appropriate magnitude (large, insignificant, etc.). Suggest ways of improving the errors.
b) quantitative List all errors in measurements. Use proper error calculations in all of your results.
9. Conclusion See the purpose for a hint as to what to say. State or restate if partially answered in the questions the overall conclusions arrived at during the lab. Include any minor conclusions as well.
10. Sample Calculations Give one example (where all of the work is shown) of each type of calculation/formula performed in your experiment
11. Communication Rubric See the introduction folder in your CD