**Lab report – Due at the end of each lab**

1. In a few sentences summarize the main concept of the experiment
2. Write the procedure you followed for each lab experiment (what did you do; **in your words**).
3. Summarize your results (you should include tables or graphs if applicable).
4. Discuss what were the expected results (I’ll tell you).
5. Discuss the possible sources of error which lead to your results (if your results were different than the expected results), and what you would do differently to avoid those errors.

* If your results were different from the expected results, this is a “discrepancy.”

**Two points will be deducted for each of the following**:

a. if you do not write your procedure in numbered steps

b. if your discrepancies are not specified

c. if each lab experiment is not written up separately (i.e. for each experiment, you should keep procedure, results, etc. together)

d. if you do not have a “main concept” statement (this should be a brief statement of the topic , i.e. pH is a measurement of the hydrogen ion concentration etc……)

e. if you don’t include the expected results

f. if you say something that’s not accurate

The general Lab Report format should be as follows, with these headings:

Concept

Procedure

1.

2.

3.

“Our Results”

Expected results

Discrepancies

Sources of Error (in other words, cause of discrepancies)