Unit 6 Chemistry

Study guide.

\*Use your notes and labs to write a (1 page minimum) study guide that covers the following:

1.) Know what pH is, how to use it and what it represents. Know how to use universal indicator and phenolthelien.

2.) Know what ions are in all acids and bases. Know how the strength of acids and bases are determined. Know what “dissociation” means.

3.) Know what titration is and how to use it to compare the strength of two differently concentrated vinegars.

4.) Know what neutralization is and the products that are produced when an “actual” neutralization takes place.

5.) Know how to calculate the amount of grams needed to create a given molarity (molarity x molar mass).

6.) Know what salts are, when they can be acidic, basic and when they can be neutral.

7.) Know how to determine the pH of 6 different solutions using 3 different kinds of indicators. Know how to use neutralization and the temperature change of two different acids using NaOH, Mg, and a thermometer.

8.) Know how reactive dyes work and some advantages of reactive dyes as opposed to traditions dyes.

9.) Know what chemical systems are and the things that interact to cause them.

10.) Be able to calculate Limiting reactant and % Composition.