**Honors Biology**

**Things to study for Unit 1 Test**

**Lab Safety and Equipment**

1. Know the basic lab safety rules
2. Know the use of each piece of safety equipment
3. Know the Biology Lab tools. Be able to recognize them and the function of each.
4. Basic units for mass, length and volume
5. Know how to read a graduated cylinder.

**Scientific Method**

1. Know the steps in order
2. Know what a hypothesis is and what it would be used to do
3. Know about experimental design
4. How many variables are changed
5. Differences in control and experimental groups
6. Know what data is and the two different types of data
7. Know the differences in observations and inferences
8. Be able to pick out the independent and dependent variables
9. Should an experiment be done only once?
10. How many samples for each group (experimental and control) should be tested?

**Graphing**

1. Know all of the parts of a graph (TAILS DRY MIX)
2. Be able to interpret data using a graph
3. Be able to construct a graph when given a data set

**Characteristics of Living Things**

1. Know the seven characteristics of living things.
2. Be able to interpret examples of the characteristics of living things