Module 1 Test Review

Scientific Method, Units, Prefixes/Suffixes, Lab Safety and Equipment

* Be sure you know the name, picture, and use for all 27 pieces of lab equipment that we’ve discussed in this unit.
  + You may be asked to write the name based on the picture, write the use based on the name, or pick the picture and match it to the use
* Know the definitions for the following vocabulary words:
  + Scientific method
  + Qualitative data
  + Quantitative data
  + Hypothesis
  + Experiment
  + Control
  + Independent (manipulated) variable
  + Dependent (responding) variable
  + Conclusion
  + Scientific Theory
  + Scientific Law
  + Base Units
  + Derived Units
  + Volume
  + Density
* Know the order of the steps in the scientific method
  + You may be asked to write them in the sequential order
* Know each of the 5 main SI Base Units that we will discuss in Chemistry (the first 5 from your notes)
* Know the SI units for each of the main bases (temp, time, mass, and length)
* If given a list of prefixes and suffixes be able to determine what a word means (like the language of science sheet)
* Study the lab safety pre-test and be able to answer any questions on lab safety that are on it