**Lab Safety/Equipment/Measurement Test Review**

**SAFETY! FIRST! ALWAYS!**

1. Using a graduated cylinder is the most accurate when measuring the volume of a liquid.
2. Mass - the amount of matter in an object.   
   Units - form of a gram (g)  
   Instrument Used - triple beam balance, spring scale
3. Volume - the amount of space an object takes up  
   Units - form of a cubic meter (m³), form of a liter (mL)  
   Instrument Used - graduated cylinder, beaker, Erlenmeyer flask, meter stick.
4. Temperature - the presence or absence of heat

Units - Degrees Celsius  
Instrument Used - thermometer  
Freezing Point - 0 Degrees Celsius  
Boiling Point - 100 Degrees Celsius

1. Weight- The mass of an object combined with the effect/pull of gravity  
   Units - Newtons (N)  
   Instrument Used - spring scale
2. Distance- the extent of space between two objects or places.  
   Units- form of a meter (m)  
   Instrument Used - meter stick/ruler/tape measure
3. Safety goggles are worn when working with chemicals, glassware, and heat.
4. Always dispose of chemical waste according to the teacher’s directions.
5. When you need to smell a chemical for an observation you need to WAFT.
6. 3 different ways to measure volume- read it directly, use the formula (l X w X h), and/or water displacement  
   **KNOW HOW TO DO EACH OF THESE.**

**YOU NEED TO KNOW WHERE THE EMERGENCY EQUIPMENT IS LOCATED AND HOW TO USE EACH ONE IN THE CASE OF AN EMERGENCY!!!**