Name

Date

Period

Vocabulary Metric #1

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| **Vocabulary**  **word** | **Definition & formulas (w/units)** | **Illustration/ Examples** |
| **Mass** | -how much matter it contains  (units-grams (g),  kilograms(kg)) |  |
| **Weight** | -Is a measure of the force of gravity on you |  |
| **Volume** | -The amount of space an object occupies  (units- milliliters (mL),  liters (L), cm^3)  l x w x h (regularly shaped)  final volume- initial volume (irregular) |  |
| **Beaker** | -used to mix chemicals and for large portions of liquids (usually measured in mL) |  |
| **Graduated Cylinder** | -used to measure precise quantities of liquid (usually measured in mL) |  |
| **Meniscus** | **-**the water line that you read in a beaker and/or graduated cylinder (looks like a contact lens) |  |
| **Three Beam Balance** | -used to measure the mass of objects (usually measured in g) |  |
| **Thermo-meter** | -used to measure the temperature of a liquid (measured only in Celsius) |  |
| **Pipet** | -used to add small amounts of liquid to an experiment (aka- an eye dropper) |  |
| **Meter Stick** | **-**used to measure distance (usually measured in cm, m, or in) |  |
| **Hot Plate** | -used to heat up liquids |  |
| **Density** | Mass of an object divided by its volume; can be used to identify a substance  Formula: D = mass/volume  Units: g/cm3 , g/mL |  |