**Measurement Study Guide**

Width: Measurement from side to side

Length: Measurement along the longest side

Meter: Standard metric unit for measuring length

Decimeter: 10= 1 meter

Centimeter: 100 = 1 meter

Millimeter: 1000= 1 meter

Kilometer: 1000 meters

Gram: Standard metric unit for mass

Celsius: Standard metric unit for temperature

Balance: Tool used for weighing objects

Fulcrum: The pivot point on which the balance beam rests

Mass: A measure of how much stuff is in an object

Syringe: A cylinder used to draw up liquid

Thermometer: Tool used to measure temperature

Liter: The metric standard to measure volume

Volume: The 3 dimensional space occupied by something

Graduated Cylinder: A clear cylinder marked to measure volume

Capacity: The volume a container will hold when full

* In space your weight changes
* Know the steps to weigh an object
* What does it mean when you move the slider on the scale? (**zeroing the balance)**
* Know how to find the mass, length, and, temperature of objects