**Unit 1 Vocabulary Words**

**BALANCE**

**Tool used to measure mass**

**BAR**

**GRAPH**

**Tool used to compare multiple sets of data**

**BEAKER**

**Tool used to contain and measure liquids**

**Circle**

**Graph**

**Tool used to show parts of a whole**

**Eye**

**Wash**

**Safety equipment used to flush irritants from the eye**

**Fire**

**Blanket**

**Safety equipment used to smother a fire on your body**

**Fire**

**Extinguisher**

**Safety equipment that is sprayed to smother a fire in the classroom**

**Flask**

**Tool used to measure volume and mixing solutions**

**Goggles**

**Safety equipment used to protect the eyes**

**Graduated**

**Cylinder**

**Tool used to accurately measure the volume of a liquid**

**Line**

**Graph**

**Tool used to show change over time**

**Mass**

**The amount of matter an object possesses**

**Meniscus**

**Curvature of liquid created in a graduated cylinder**

**Ruler**

**Tool used to measure length**

**Safety**

**Shower**

**Safety equipment used to rinse harmful chemicals off of your body**

**Test Tube**

**Tool used for reactions and to hold small amounts of liquid**

**Volume**

**The amount of space an object takes up**

**X-Axis**

**The horizontal axis on a graph**

**Y-Axis**

**The vertical axis on a graph**

**Controls**

**Parts of an experiment that remain unchanged or constant**

**Control**

**Group**

**Group in an experiment used for comparison that does not get tested**

**Data**

**Information collected during an experiment**

**Dependent**

**Variable**

**Part of a hypothesis that is being recorded during an experiment**

**Experiment**

**Used to test a hypothesis**

**Experimental**

**Group**

**Group in an experiment that is being tested**

**Gram**

**Unit used to measure mass**

**Hypothesis**

**Possible solution to a problem**

**Independent**

**Variable**

**Part of a hypothesis that is being tested in an experiment**

**Inference**

**An assumption that may or may not be true**

**Law**

**A statement that always appears to be true, but does NOT offer an explanation as to why**

**Liter**

**Unit used to measure volume**

**Meter**

**Unit used to measure length**

**Observation**

**Factual information gathered by using one’s senses**

**Qualitative**

**Descriptive data**

**Quantitative**

**Numerical data**

**Scientific**

**Method**

**A step by step process used to solve a problem**

**Theory**

**A broad statement that explains why something is thought to be true**