***Science Academic Vocabulary***

***From: Mrs. Reierson***

**Quantitative Data** – data that deals with numbers.

**Control Group** – a group against which an experimental group is compared.

**Variable** – a factor that can change in an experiment.

**Controlled Variable** – a variable that is kept the same from trial to trial.

**Meter** – metric unit measuring length.

**Conclusion** – a decision based on investigation and evidence.

**Constant** – a variable in an experiment that does not change throughout the course of the experiment.

**Kilogram** – metric unit measuring mass.

**Independent Variable** – a variable that is isolated for study in an experiment.

**Data** – information that describes events or qualities such as temperatures or life spans.

**Dependent Variable** – the factor in an experiment that changes as a result of a change in an independent variable.

**Trial** – a repeated test in a systematic investigation.

**Liter** – metric unit measuring volume.

**Qualitative Data** – data that do not directly deal with numbers.

**Hypothesis** – an idea or assumption that can be tested in a scientific investigation.

**Matter**- anything that has mass and occupies volume

**Mass**- The amount of matter in something

**Weight**- The measurement dependent of the mass of the object and the gravitational force acting on the object

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

**Density**- the amount of mass in a given volume

**Formula for density**- D = M / V