

**8<sup>th</sup> grade Vocabulary Words Common**

- 1) **Accuracy**- correctness of a measurement
- 2) **Compare**- to look for similarities
- 3) **Contrast**- to emphasize differences
- 4) **Controlled Variable** (kept the same)-a variable that is unchanged in an experiment
- 5) **Description**- a verbal or written explanation of something
- 6) **Evidence**- proof or facts that support data
- 7) **Interpret**- to explain the meaning of information, facts, and observations
- 8) **Issue**- a topic to be discussed, researched or investigated
- 9) **Manipulated Variable** (changed)-the variable that is changed and tested in an experiment
- 10) **Meter**- the base unit of distance or length in the metric system
- 11) **Opinion**- the view that someone takes about a certain issue
- 12) **Pattern**-a regular or repeated order or arrangement
- 13) **Phenomena**- facts or events that can be observed
- 14) **Property**-characteristic of a material that helps to identify or classify matter
- 15) **Relationship**- a connection or similarity between two or more things
- 16) **Reliable**- getting the same or very similar results after multiple trials
- 17) **Responding Variable** (measured)- variable that is affected and measured in an experiment
- 18) **Subsystem**- a system that is a part of a larger system
- 19) **Summarize**- to give a shortened version that includes key information
- 20) **Transfer**- to move from one place to another
- 21) **Unexpected**- not expected or surprising
- 22) **Valid**- having accurate and reliable information or results

**8<sup>th</sup> grade Vocabulary Words Energy Machines and Motion**

- 23) **Circuit**- a path that electric current flows through
- 24) **Electrical**- form of energy that consists of a flow of electric charges through a conductor
- 25) **Energy**- the ability to do work
- 26) **Force**- a push or a pull
- 27) **Friction**- force that resists the motion of two surfaces that are touching each other
- 28) **Gravity**- force of attraction between any two objects
- 29) **Heat (thermal) energy**- transfer of thermal energy between substances that are different temperatures
- 30) **Inclined Plane**- simple machine that consists of a flat sloping surface (ie. wedge and screw)
- 31) **Kinetic Energy**- energy of motion