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**Unit 1 Vocabulary List**

1. **Science**-An organized approach to solving a problem, including experimentation, observation and discoveries.
2. **Physical Science**: Includes the study of chemistry and physics.
3. **Chemistry**-The study of the forms of matter including how matter interacts with other matter.
4. **Physics**-Is the study of energy and the way that energy affects matter.
5. **Scientific method**-A series of steps a scientist follows to solve a problem.
6. **Hypothesis**-An educated guess. The 3rd step to the scientific method.
7. **Observation**-Uses the 5 senses to describe something.
8. **Control group**-One of the parts of an experiment. It is the group that is **most natural**. It acts as a **comparison** in an experiment.
9. **Experimental group**: One of the parts of an experiment. The group(s) being **tested**.
10. **Control factors**: One of the parts of an experiment. These factors stay the **SAME** for all groups in an experiment. A good experiment has **MANY** control factors.
11. **Variable factors-** One of the parts of an experiment. These factors **change** from group to group in an experiment. A good experiment has **ONE** variable factor.
12. **Independent variable-**The variable you change in your experiment.
13. **Dependent variable**-The variable that you are measuring.