Unit 1 Lesson 1 Vocab

1. Science- a way of learning about the natural world
2. Observation- using one or more of your senses to identify or learnt about something
3. Inference- a conclusion formed from available information or evidence
4. Controlled experiment- a scientific investigation that involves changing one factor and observing its effect on another factor while keeping all other factors constant.
5. Model- a representation of an object or an event that is used as a tool for understanding the natural world.
6. Independent variable- manipulated variable; the variable that is being changed in a controlled experiment
7. Dependent variable- the variable that is measured; might change as a result of the change in the independent variable.
8. Scientific theory- an attempt to explain a pattern observed a repeatedly in the natural world; explains why something happens.
9. Scientific law- a rule that describes a pattern in nature. Does NOT explain why something happens.
10. Technology- the practical use of science, or applied science.