**Vocabulary 1.1: Thinking Like a Scientist**

1. **Science:** a way of learning about the natural world and the knowledge gained through the process.
2. **Observing:** the process of using one or more of your senses to gather information.
3. **Quantitative observation:** an observation that deals with a number or amount.
4. **Qualitative observation:** an observation that deals with characteristics that cannot be expressed in numbers.
5. **Inferring:**  the process of making an inference, an interpretation based on observation and prior knowledge.
6. **Predicting:** the process of forecasting what will happen based on past experience or evidence.
7. **Classifying/classification:** the process of grouping things based on their similarities.
8. **Making models:** the process of creating representations of complex objects or processes.
9. **Scale model:** a model that accurately shows the proportions between its parts.