Scientific Method

1. **Problem:** The question you are trying to answer.
2. **Observation:** Info collected about your question.
3. **Hypothesis:** An educated guess or a possible solution to your problem, based on your observations.
4. **Experiment:** A step by step procedure (directions or a recipe) for testing your hypothesis.
   1. **Control**- The normal. Not changed or effected by variables.
   2. **Independent variable**- Manipulated. What you change. The input. (ONLY ONE)
   3. **Dependent variable**- what changes, output, you do not control or change.
5. **Data:** Numbers and/or observations collected from your experiment.
6. **Conclusion:** The answer to your problem or question based on the data collected from the experiment.