

## Presentation of Your Scientific Findings

One of the final steps in the process of science is to present your findings and to explain your results to others. When doing so it is best to follow the outline below.

**Purpose:** The purpose of presenting is to make sense of one's observations, to summarize, clarify, and defend what you believe to have found.

Your explanation should include:

1. **The Claim.** The claim is a statement that provides the researcher's answer to the question investigated.
2. **Evidence.** Evidence is the scientifically collected data used to support your claim. **Data** is the quantitative and qualitative information you collected first hand. It can also include previous observations or information collected by others in their research.
3. **Reasoning.** Reasoning is the argument used to determine why the selected data should count as evidence. The argument should include:
  - Personal prior knowledge.
  - Explanation of how the test was fair.
  - Scientific concepts, principals, and theories.
  - Secondary resources (references, sources).

## Construction and Planning of Your Presentation

Your presentation will need to be constructed on a presentation tri-fold. These can be purchased in the home office supply sections of places like Meijer and Wall Mart as well as office supply stores such as Staples and Office Depot.

To assemble your tri-fold, simply print (in color is best) your report and adhere it to you board in a logical flowing manner that is interesting and appealing. Additional images and resources can and should be added to enhance your claim. Any items that were used as evidence and any information or materials used in your reasoning may also be added.