

# Science Fair Guide

*Use this outline to help set up/write up your science fair experiment.*

**Problem:** *This is your problem statement. It can be in the form of a question.*

**Hypothesis:** *This needs to be a complete thought and sentence with a reason why you think your prediction will happen.*

## **Variables:**

Controlled Variables:

Manipulated (independent) Variable:

Dependent Variable:

**Materials:** *List ALL the materials you will use for your experiment.*

## **Procedure:**

1. *(Hint: The Procedure shows the step by step process that ANYONE should*
2. *be able to clearly read, understand and follow without having to ask any questions)*
- 3.
- 4.
- 5.

**Observations:** *What you saw, smelled, heard, and measured during your experiment*

**Data Table/Graphs:** *This will be done in the Microsoft Excel Program.*

**Conclusion:** Retell your hypothesis. Answer the question/problem. Give proof of the answer with some of your data results. Tell what you learned from the experiment using scientific terms.

**Bibliography:** This is a listing of ALL the books and articles and websites you used to help you in this experiment. This part will be stapled to the back of your presentation board.

## Science Fair Display Board Guide

