

**Introduction**

**Question**

**Hypothesis**

**Materials**

**Procedure**

**Data**

**Results**

**Conclusion**

**Applications**

**References**

The problem must be written as a question. The answer to the question must be able to be measured using a metric ruler, a balance, a thermometer, a graduated cylinder, a beaker, a stopwatch or clock.

Each student, or class, must have at least 3 reference sources. Books, online resources, interviews, magazines, and videos are all acceptable sources.

Your hypothesis is done after you research and know something about your topic. It must be written in the If.....Then format. **If** I do \_\_\_\_\_  
\_\_\_\_\_, **then** \_\_\_\_\_  
\_\_\_\_\_ will happen.

Give a list of all the materials that you used, so that someone else will be able to repeat your investigation.

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_
- 5) \_\_\_\_\_

The procedure is the design of your investigation. Procedures, or directions, must be written exactly, so that anyone can duplicate your investigation. It is best to number your steps.

You need to collect your data on a table which should be in your journal. You must do at least 10 trials. Make sure you are using the **metric system**. Graph your data using a bar graph, circle graph, or line graph. Put this **graph and table** on your project board.

Analyze your data and come up with your results. The results will be numbers.

Here is where you draw conclusions from your data. Use the data to answer the question.

The application is where you relate your findings to the real world.

A general statement about the project.

A full page of blank graph paper with a uniform grid of small squares. The grid consists of 20 columns and 20 rows, creating a total of 400 small square units. The lines are thin and black, set against a white background. There are no margins, text, or other markings on the page.

Trial Number			
#1			
#2			
#3			
#4			
#5			
#6			
#7			
#8			
#9			
#10			