

Name: _____

Science Fair Project Report

Problem: This is your problem statement or driving question for your experiment. (Ex. Does Kettle Corn or butter popcorn pop more kernels?)

Background: This is where you will include you 3 sources of research about the problem you are researching.

Hypothesis: Your hypothesis should be a complete thought and sentence including at least one variable that you will be testing. (Ex. Butter popcorn will pop more kernels than kettle corn.)

Variables:

Controlled Variables:

Independent Variable- what you changed (Ex. kettle corn vs. butter popcorn)

Dependent Variable- what stayed the same (Ex. brand of popcorn, time cooked)

Materials: Include ALL of the materials that you used for your experiment with specific measurements in a bulleted list.

Ex.

- 100 Kettle Corn Kernels
- 100 butter popcorn kernels
- microwave

Procedure: The procedure shows the step by step process that ANYONE should be able to clearly read understand and follow without having to ask any questions. Each step should be written in a complete sentence.

Ex.

1. Purchase one bag of kettle corn and one bag of butter popcorn from the same brand.
2. Count out 100 kernels of kettle corn and 100 kernels of butter popcorn.
3. etc.
4. etc.
5. etc.

Observations/Data: This is where you should record what you saw, smelled, heard and measured during your experiment. You may use sheets to make a table or graph for this portion if you would like to.

Conclusion: In a paragraph...

- Restate your hypothesis and say whether it was right or wrong.
- Summarize what you learned from the experiment.