

Materials and Methods (At least 1 Page)

Describe in detail the methodology you used to collect data, make observations, design apparatus, etc. Your research paper should be detailed enough so that someone would be able to repeat the experiment from the information in your paper. Include detailed photographs or drawings of self-designed equipment. This section should be in paragraph format. No lists!

Only include this year's work.

Results (At least 3 pages- DATA, GRAPHS, PICTURES)

The results include data and analysis. This should include statistics, graphs, etc. Here is where you you must include at least 8 clear pictures of you/partner working on your experiment on different days.

You are to submit this portion of your experiment even if you are still collecting data. You can have your data tables setup (minus data)

Your expected graphs with axis labeled, you will need to have a mean, median, mode, and range for all of your data tables. The pictures of you/partner working on your project **MUST** have captions.

The pictures can include experiment supplies, collection of data, & student involvement.

You/your partner **MUST** be in 4 out of the 8 pictures

Take many pictures so you have plenty to pick from - these will work for your data log book and power point presentation.

Your research paper must be:

- ❖ *Double spaced*
- ❖ *Typed in Times New Roman size 12 font*
- ❖ *Stapled on the top left hand corner*
- ❖ *The COMPLETED RESEARCH paper must be turned in on*

NOVEMBER 18, 2014

- ❖ *Stored electronically in multiple places (jump drive, Google docs, and/or desk top computer) to prevent loss of information.*

Your data log book must:

- ❖ *Be hand written*
- ❖ *Include all data collection in rough draft*
- ❖ *Include list of resources*
- ❖ *Be organized chronologically*
- ❖ *Contain all related material (receipts, pictures, phone call log, etc.)*

Your POWER POINT MUST be completed using template:

- ❖ *Be completed using the reference sheets in this packet*

Your presentation must:

- ❖ *Be about your science fair project*
- ❖ *Be three to five minutes long.*
- ❖ *Summarize your project*
- ❖ *Emphasize the problem or question you researched*
- ❖ *Explain your experimental procedures and results*
- ❖ *List your conclusions and applications*

If you follow these directions and samples, I am sure your science fair project will be a success. Should you have any questions, please contact me via email at maria_rodriguez@dadeschools.net. I am here to help, you just need to let me know. Great Luck !

Mrs. Rodriguez