

Introduction (at least 4 pages)

The introduction sets the scene for your report. You should include a minimum of 4 pages of background research. In addition, the introduction also includes the purpose, your hypothesis, problem or engineering goals, an explanation of what prompted your research, and what you hoped to achieve that should be at least one full page.

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Your Introduction MUST be in paragraph form. Use various resources to identify relevant information for your experiment. Search for information about each of your variables.

*Maybe - Salinity - what is it, how is it tested for, why is it important
 Maybe - Bromeliads, where are they usually found, how do they survive best, is salinity a know issue for their survival.*

*Be sure that you are writing in third person. For example instead of stating "our hypothesis is that if we add salt to bromeliad plants then those plants that we given the most amount of salt to will grow the most"...instead write..."It is hypothesized that if plants are given different amounts of salt, then those that are given 25 mg will have the greatest growth."
 Or.."our problem statement is" can be stated..."The identified problem is to identify the effect of increased salinity levels on plant growth"*

The easiest way to avoid any mistakes is to NEVER use I, ME, MY, WE, US, OUR!

Acknowledgements (at least .5 page)

You should always credit those who have assisted you, including individuals, businesses and educational or research institutions.

The experimenters would like to take this opportunity to thank Mr. and Mrs. Diaz who assisted in the purchasing, planning, and supervision of all steps of the experiment. Special recognition is given to Pablo Fernandez an sales associate at Home Depot who provided assistance in selecting the proper bromeliad plants for the experiment.

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*

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- ❖ *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