

FINAL MATERIALS AND NOTEBOOK

DUE BY: JANUARY 17, 2017

DE PORTOLA S.F. 2016-17



Note: We are on the last lap of the race; all of your planning has now been put into action and it is time to reflect on what was learned. At this point you will want to get a notebook and sheet protectors (optional) to hold and organize your finalized documents. In addition you need to complete the final components to your project. The following items, in addition to your previous work, need to be completed and placed in your final notebook to complete this project.

The project (notebook) is to be turned in no later than January 17, 2017 to be screened and graded by Mr. Bridges.



Here is what is left for you to do:

1. **Complete your experiment** and record your **Findings** or raw data in a data table along with other documenting efforts such as pictures, notes, observations, drawings, etc. This will all go in the appendix (back) of your notebook. Your experiment's findings (raw data) will be organized in a data table and graphed. This "**Findings**" document will be placed between your procedures and conclusion in your notebook. You can look in your science notebook for examples of data tables from earlier classroom experiments this year.

See page 21 in your **GSDSEF Student Sample Packet for example

2. Write a **Conclusion** to your experiment. You need to address how everything worked out and provide an answer to your problem question. You need to restate your hypothesis and discuss if your findings supported it or rejected it. Lastly, reflect on the process of the project.

** See page 22 for an example and sentences starters

3. Next, write a "**Recommendation**" about how you could improve your project. Are there things you could have done differently? What did you like and dislike about your project? Could you change your project to make a new one?

**See page 23 for additional guidance

4. **Bibliography** - This is in addition to the bibliography that supported your research paper. You should include all of those sources and include others that you used to help you complete your project. Examples of other would be

interviews, videos, websites, or other printed materials. At least 10 references are recommended and they should be displayed alphabetically.

**See page 24 for examples

5. **Appendices** - a compilation of selected photos (a lot of), graphs, notes, journal entries, samples (if applicable), or anything else that would be useful to understand your project. Organize items and be sure to write labels for each item so they are clearly understood. Also **include all original raw data** here as evidence of your accomplishments.

**Page 26 refers to the Appendix and page 27 defines RAW DATA

6. **Acknowledgements** - Reflection on who helped you and how their support helped you accomplish your project. (Don't forget Mom!) No more than 1 page.

**Page 14 provides a brief example

7. **Abstract** - This is a written summary of your entire work and should be no longer than 1 page. It is the first page (after the table of contents) and describes your title, question, hypothesis, procedures (brief), results, and ends with a concise summary of your conclusion. It is meant to give the reader a snapshot of your experiment, including only the important information.

**Page 13 offers guidance

8. Create a **Table of Contents** to display the order of the pages of your project.

**Page 11 has a sample

9. Create a **title page** to be displayed on the cover of your notebook. Give your project a clever name (less than 10 words) and add a picture or visual that in some way characterizes your project. Please include your name somewhere on the cover for easy identification. This will go behind the clear cover on the outside of the notebook to enhance its identity.

That is all that is left boys and girls. The finished notebook is to be turned in NO LATER than JANUARY 17th, 2017. This Project is worth 250 points and will reflect the student's semester 1 grade. Further instructions will follow if your project is selected to advance to the district competition to represent De Portola.

- Mr. Bridges

