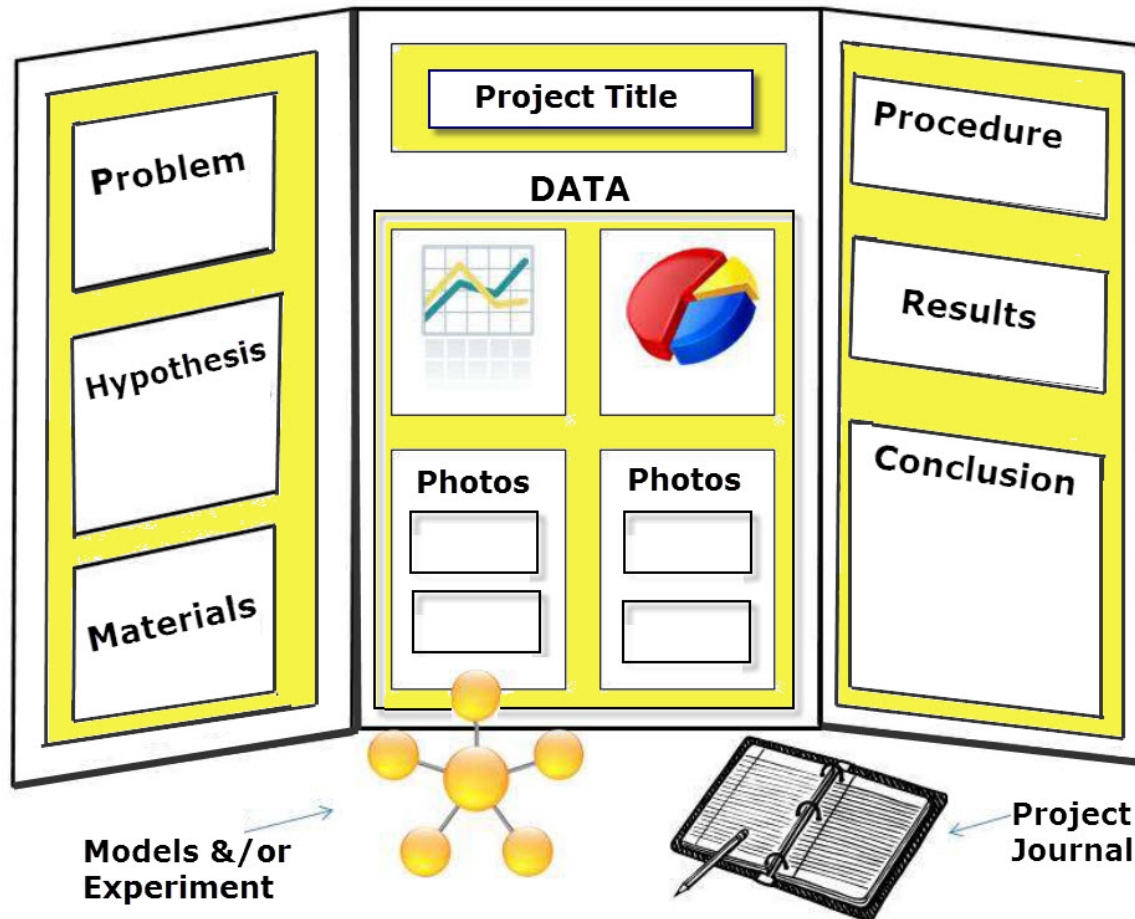


2016 STEP SCIENCE FAIR OUTLINE (PREP) SHEET
Science Fair and Graduation to be held on Saturday, April, 30th, 2016

Name _____ Grade _____

Science Fair Display Model



The Requirements for the 2016 STEP Science Fair Project:

1. Standard, three-panel display board that unfolds to be 36" tall by 48" wide or PowerPoint slides presentation (each outline step should be in this document should be used in a separate slide in the power point, i.e. slide 1 – title, slide 2 overview, wtc.)
2. Your name and grade on the display board
3. Captions that include the source for every picture or image
4. Acknowledgements of people who helped you
5. Your project journal (some science fairs want you to have it only during judging)
6. Equipment such as your laboratory tools/devices or your invention

2016 Science Fair Display Board or PowerPoint Outline (Prep)

1. Presentation Project Title (Catchy and creative)

- Subtitle: This presentation is related to XXXX Tour
 - Name, Grade, and Date: Saturday, April 30th, 2016
-
-

2. Project Overview

- Project Description, Objective, Results, Project Methodology, Key Findings / Results, Results 1, Results 2, and Conclusion
-
-

3. Project Description

- What is the purpose of your project? This section should tell others why your project is important. It should be based on knowledge and research information that you have about your subject

Purpose

4. Hypothesis

- State your hypothesis. A hypothesis is "what you think will happen during the experiment", theory. Make a prediction based on what you know about your project. This is a great time to do more research on your topic. Research your project and decide what might be a possible outcome.

Hypothesis statement

5. Procedure Methodology

- Summary and Key Assumptions of all data and observations. List some of the materials and methods needed for your project. Materials are any tools that you need to complete your project. Methods are the step-by-step instructions on how to duplicate your project.

Keep all notes of what occurs during your project. Add information, descriptions of experiment, explaining what worked and did not work during your project.

Repeat the project many times for more accurate results.

Materials list (*List all the materials you will need to make this project successful*)

Methodology

6. Key Findings / Results

- Graphic, drawings, pictures, video, links, spreadsheet, etc.

7. Key Findings / Results

- Graphic, drawings, pictures, video, links, spreadsheet, etc

(****You can add more result slides if it will help your project****)

8. Result and Conclusion

- Restate your hypothesis and state conclusion based on the results of your project

Hypothesis and Conclusion statement

9. Questions and Discussion

Project is related in some way to one (1) of the Saturday tours this year. The STEP Schedule of Tours is attached. For more information about each tour, go to: <http://www.neorsd.org/neorsdstep.php>

It is OK to change your project choice after the submission. This information is simply so that you can begin brainstorming ideas and have your information organized for your PowerPoint presentation **Saturday April 30th** at the STEP graduation.

Science Fair Display Board Check

For a GOOD Science Fair Display Board, You should put a check next to the following:

- ☐ **Does your display board include:**
 - Title
 - Abstract
 - Question
 - hypothesis
 - Background research
 - Materials list
 - Experimental procedure
 - Data analysis and discussion including data chart(s) & graph(s)
 - Conclusions (including ideas for future research)
 - Acknowledgments
- ☐ **Are the sections on your display board organized like a newspaper so that they are easy to follow?**
- ☐ **Is the text font large enough to be read easily (at least 16 points)?**
- ☐ **Does the title catch people's attention, and is the title font large enough to be read from across the room?**
- ☐ **Did you use pictures and diagrams to effectively convey information about your science fair project?**
- ☐ **Have you constructed your display board as neatly as possible?**
- ☐ **Did you proofread your display board?**
- ☐ **Did you follow all of the rules pertaining to display boards for your particular science fair?**