Preliminary Timetable for Science Fair Project 2018

Here is what I plan to do each week (subject to change).

I will keep a logbook (science fair composition) to document all science fair work. The logbook will be present with the project and final report the day of the science fair.

Week 1 (September 17th-23th)

1. Purpose: Decide on a research question.
2. Base your question on something you observed.
3. Make sure your question can be tested and measured.
4. Research your plan (future tense).
5. Conduct research (learn more about your topic).
6. Record references minimum of five (books, journals, internet, interview scientists, or speak with experts at museums, zoos, hospitals, and so on).
7. Compose a rough draft of a bibliography and an introduction in the logbook.

Week 2 (September 24th-30th)

1. Hypothesis: Based on your research, predict a possible answer to your question. Remember: It is okay if your hypothesis turns out to be wrong. A hypothesis is simply an educated guess.

 b. Materials: What materials do you need to use?

 c. Procedures: Write a detailed procedure, or a step-by-step plan.

Week 3, 4, 5 (October- October 14th)

1. State the independent variable (single factor in the experiment that will change) and the dependent variable (the factor that will be measured).
2. Conduct your experiment: For reliable results, repeat the experiment several times, for example: Trial 1, Trail 2, Trail 3, Trial 4, etc.
3. Collect and record your data: Organize your data in a table or chart. To make sense of your

 findings, you might need to create some kind of graph (line, bar, or circle).

Week 6 (October 15th-21st)

1. Results.
2. Observe what happened.
3. State in a paragraph your results/the findings from your experiment.

Week 7 (October 22nd -27th)

1. Conclusions: Analyze your data and results. Compare them with your hypothesis.
2. Was the hypothesis supported or not? Explain.
3. Begin to write the final report (see project report handout).

 d. Report must be typed and neatly bound in a transparent cover.

 e. A typed abstract and introduction are due.

Week 8 (October 29th –November 4th)

1. A typed final report for materials, procedures, and discussion are due.

b. Type final report for data/results. Print data tables and graphs.

c. Type a final report for conclusions, acknowledgements, bibliography, practical applications and

 future expansion.

 d. Post on the drop backboards the title, hypothesis, materials, procedures, results and conclusions.

 e. See handout for drop backboard construction.

Week 9 (November 5th-9th)

November 5th projects are due (boards and reports).

November 9th project set-up.

November 10th judging and public viewing.

I understand and will follow the above timetable.

Signature of student \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of parent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_