

Science Fair Time Line 2013-2014 School Year

General guidelines:

- All work should have the following Heading: your last name, Akiba-Schechter Jewish Day School, page number.
- Do not use first person in any of your writing including the hypothesis.

10/01/13: Proposal Due

The proposal is a 1-3 paragraph document that should include what you are planning to do. Specifically, what is the question, what are the variables (both dependent and independent) and the control, how will you collect data and for how long? **All work should be typed with correct spelling and grammar.**

Please note: please get your idea verbally approved by 9/25 before writing your proposal. Experiments with human test subjects will not be approved with very few exceptions made by Ms. Rotfeld or Dr. Landers.

11/05/13: Outline Due

Outlines will be in proper format based on the instructions received in Science. You will bring your completed outline to your English class. Your English teacher will work with you to turn that outline into a research paper.

11/26/13: Completed First Draft of Paper Due

A completed first draft of the research paper is due to the English and Science teachers no later than Tuesday, November 26. This should be a complete paper that fully explores the subject and enables you to write a quality hypothesis. You should use APA style citation and a works cited page in proper format. Any graphics or images are in addition to the content. **All work should be typed with correct grammar and spelling.**

12/03/13: Hypothesis Due

The hypothesis should be 1-3 paragraphs typed with correct grammar and spelling. It should inform the reader what you think will happen and *why*. Your hypothesis should be grounded in your research, meaning, use your research to explain your ideas. Your hypothesis should include at least two in-text citations.

12/06/13: Materials, Procedures, and blank Data Chart

The materials may be in list form. The procedures should be in paragraph form. The data chart is the template you will use to collect data.

12/09/13: Final Draft of Paper Due

Your final draft of your research paper must be completed and turned in to both your English teacher and Science teacher no later than December 9.

12/07-1/05/14: Collect Data

Do your experiment and complete all the trials.

1/06/14: Data, interpretation of data, conclusion

Raw numbers, averages, and completed excel graphs must be turned in no later than January 6.

The interpretation of data is a detailed explanation of your results. It should be 2-5 paragraphs long and refer back to your research with at least 2 in-text citations.

The conclusion is a summary of your experiment. Please remind the reader what the purpose of the experiment was, how you did it, what happened, whether your hypothesis was correct or incorrect, and *why*.

1/08/14: Completed Printed Booklets Due

Booklets should be completed, single-sided in the following order:

- Abstract

- Safety sheet
- Title page
- Table of contents
- Question and hypothesis
- Literature review, aka research paper
- Materials & procedures
- Data, all charts and graphs
- Interpretation of data
- Conclusion
- Works cited page, aka bibliography

1/13/14-1/29/14: Boards and Presentations Due

Classroom presentations and grading will begin.

1/30/14: All-school science fair!!