

A calendar, explanations and the necessary forms should be posted on the school website within the next few days. I will give a brief explanation of each part here. These due dates are subject to change, but I will try to hold as closely to them as possible.

Important Dates and Notes:

- Oct. 12** four ideas for Science Fair due—these have already been submitted to me
- Oct. 28** **First Quarter Ends**
- Nov. 2** **Science Fair Experimental Design Due**---there is a form for this, this replaces the proposal form used in the past (20 points)
- Nov. 9/10** **Parent-Teacher Conferences (dismiss at 11:30) TWO ITEMS ARE DUE**
Nov. 9 period 1 (AM classes) Nov. 10 periods 6,8 (PM classes)

Proposal Revisions Due—revisions are necessary unless your first proposal is marked “APPROVED”. You may write your revisions on loose-leaf and attach them to the original proposal form.

Logbook Check—Bring your composition book to class today. I will help you set up the logbook. (10 points)

NOTE: After your proposal has been approved, you need to research your topic. The research should be done so that you understand the science behind your experiment. The research should logically lead to the hypothesis, based on what people already know about the topic. Record your sources in the bibliography section of your notebook. As you research, note the date and research work you do in the daily log section of your logbook. Specific facts should be kept on note cards or on loose-leaf. **STAY ORGANIZED!**

NOTE: If your project will require a lot of time or needs to take place outside—get started on doing it as soon as possible. The more data you have, the better.

- Nov. 24/28** **Thanksgiving Break**
- Nov. 30** **Experimental Update Due**—There is a form that goes with this. Basically what you need for today is evidence that you are researching your TOPIC and its application. You need five sources. One source needs to be non-internet, non-encyclopedia. Be cautious with internet sources and make sure they are legitimate. University or school sites are trustworthy. Wikipedia is not always trustworthy and will not be accepted as a resource. However, look at the reference section under your topic in Wikipedia and you may find some legitimate links. You also need at least one non-internet, non- media source such as a BOOK! Our textbook does not count. (25 points)
- Dec. 17** **Introduction and Bibliography Due**
- This is worth a TEST GRADE, 70 points. Five bonus points for turning this in early.
- The introduction should explain the scientific information someone will need to know to understand the experiment. Organize the background information to move logically to your experimental question.
 - Do not simply state your procedure.
 - Start out explaining the topic and the science behind your topic, this should be the bulk of the paper. Next give a brief summary of your procedure in paragraph form. The introduction should end with a short paragraph stating your hypothesis.
 - Use Times New Roman size 12 Font. Margins should be 1 inch top and bottom, 1.25 inches on the sides (this is standard for papers).
 - No colored paper or borders, this is a scientific paper. Plain white.
- Dec. 21/Jan, 2** **Christmas Break**

Jan. 26

Logbook Check for Complete Data

- Record results in your logbook as measurements, observations and descriptions.
- Run the experiment MORE THAN ONCE and many times if possible. Each time is a trial.
- Record your data in ink (blue or black) in your logbook as the experiment is conducted. Initial and date each entry. Do NOT use other paper and write the data in at a later time.
- Use scientific units and be sure to mark which units were used.
- Your science fair experiment should be complete at this point and I will be checking your LOGBOOK for complete data.
- Being done now will give you time to focus on putting the written parts of your experiment together, making your graphs, and determining your conclusion.

Feb. 8

Science Fair Abstract Rough Draft Due

- An abstract is a 1 page, 3 paragraph summary of your entire project.
- Generally paragraph 1: purpose, paragraph 2: procedure summary, paragraph 3: data/conclusion.
- We will go over how to write this in class and I will give you some examples.
- The final draft of the abstract will be turned in when you turn in your final paper.

Feb. 13

President's Day

Feb. 22

FINAL GRADED REPORT DUE

- This will be a **test grade**. (90 points)
- The final report MUST BE TYPED. Use Times New Roman size 12 Font with normal margins.
- Sections should be identified with a subheading, but continue on the same page if there is space.
- You will not get this report back before the science fair so make sure you have copies for yourself and SAVE it on your computer, flash drive, email it yourself, etc.

There are 8 Final Report Sections: more detail about each to be given out later

Introduction, Materials List, Procedure, Observation/Data, Data Analysis, Conclusion, Bibliography, Abstract.

Feb. 27

Science Fair Display and Binder Due

- This will be another **test grade**. (90points)
- An explanation and rubric will be given about what needs to be included

Feb. 29 Wednesday **SCIENCE FAIR (7TH; 4-5:30PM 8TH: 7-8:30PM)**

All 7th and 8th grade students are **required** to attend their session.