



SCIENCE FAIR TIMELINE



NOTE: This timetable is subject to change – **listen carefully** in class for any updates.

- 10/11/11** **Topic Choices Sheet/ Purpose/Problem Table** - Choose 3-5 possible topics and bring this sheet to class to discuss. Remember your project must be a controlled experiment that follows the steps of the scientific method. This is also the time to begin your **LOG BOOK**. Bring your Purpose/Problem table to class.
- 10/14/11** **Science Fair Topic Proposal Sheet**
Bring your final topic/problem statement to class. In addition, you must decide what type of project you are doing (display board, oral presentation, or lab report) At this time you should decide whether or not you want to participate in PJAS, which is an optional outside competition.
- 10/21/11** **Research/Bibliography**
Document a minimum of **FIVE** quality sources of background research. All sources will be included in a bibliography which follows MLA format. You will be asked to discuss what useful information you have gathered from each source and how it helped you form your hypothesis.
- 10/27/11** **Background Information Sheet-“A Work in Progress”**
Bring your background information to class for feedback. Refer to your binder for samples of terms and processes to define.
- 11/04/11** **Hypothesis Writing Sheet and Procedure**
Complete the hypothesis writing sheet with the hypothesis stated as an “If...then” statement.
A detailed, thorough procedure with a material list must be handed in for feedback. Make sure that you have written your procedure in the proper step-by-step numbered format. Be sure your parents read over the procedure; it is very important that they know what you are doing since most of your work will take place outside of school.
- 11/18/11** **Final Science Fair Forms Due**
Application Form 1, 1A with attachments, and 1B are due for **ALL** projects. Any additional topic-specific forms should be handed in at this time also. If participating in PJAS, the application form must be completed by this date or you will not be able to participate.
- November/December/January – Experimentation**
Upon approval by your teacher, you may begin to conduct your experiment at any time. If you have not started, you should start now. Remember to continue to keep a **LOG BOOK** as you work!
Take photographs as you proceed; these will be very helpful with your final product.

1/20/12 Data Due
Bring your data and log book to class. We will discuss a variety of ways it can be presented (graphs, charts, etc).

1/26/12 Data Analysis and Conclusion Sheet Due
Bring your log book and completed data tables and graphs to class. All graphs and charts should be displayed using a computer generated format. At this point you will be able to begin preparing your final project.

2/10/12 Oral Presentations
Oral presentations must be on the OMS share drive-(1SFpresentations) by this date. Save presentations under your last name. **All** oral presentations **must** have transparencies for science fair judging.

FEBRUARY 22,23,24, 2012 Middle School Science Fair

OTHER IMPORTANT DATES

Jan. and Feb. TBA- Science Fair practice sessions at OMS/SMS

2/23/12 Display boards arrive in the morning before school. More info TBA.

2/23/12 Science Fair Parent's Visitation 7:00 pm-8:30 pm

2/24/12 Take Display Boards home

2/25/12 PJAS Regional Competition at Easton High School- (Transparencies needed to for your oral presentation.)

May 13th - 15th, 2012-PJAS State Competition at Penn State University main campus
All students who scored a first place at the regional competition are eligible to compete at the state level. Cost for this competition is the responsibility of parents. Scholarships are available for those in need.