

# **SCIENCE FAIR TIMELINE**



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

- 10/10/08**      **Topic Choices Sheet/ Purpose/Problem Table** - Choose 5 topics and bring this sheet to class to discuss in class. Remember your project must be a controlled experiment that follows the steps of the scientific method. You may not simply build a model or look up information and do a research paper. Carefully follow the examples provided to turn these possible topics into problem statements (questions). This is also the time to begin your **LOG BOOK**. Bring your Purpose/Problem table to class. The question for each selection should be written as well as the independent and dependent variables under the topic relationship title. There is space for 5 selections but only 3 are required.
- 10/17/08**      **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) AND whether or not you want to participate in PJAS, which is an optional outside competition.
- 10/24/08**      **Research/Bibliography**  
You will be asked to 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.
- 10/30/08**      **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.
- 11/03/08**      **Hypothesis Writing Sheet and Procedure**  
Complete the hypothesis writing sheet with the hypothesis stated as an “If...then” statement.  
A detailed, thorough procedure with materials list must be handed in for feedback. Make sure that you have written it in 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.
- 11/07/08**      **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. Remember to continue to keep a **LOG BOOK** as you work! Do not put things off! Things don't always go as planned, and revisions may be necessary. Take photographs as you proceed; these will be very helpful with your final product.

**1/28/09**

#### **Data Due**

Bring your data and observations, and log book to class. We will discuss a variety of ways it can be presented (graphs, charts, etc).

**2/06/09**

#### **Data Analysis and Conclusion Sheet Due**

Bring your log book and completed data tables and graphs to class. At this point you will be able to begin preparing your final project.

**2/12/09**

#### **Oral Presentations**

Must be on your directory by this date. **All** oral presentations **must** have transparencies for science fair judging.

### **FEBRUARY 18, 19 AND 20, 2009 Middle School Science Fair**

<b>OTHER IMPORTANT DATES</b>
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**1/09-2/09**

Science Fair practice sessions at OMS/SMS

**2/19/09**

Science Fair Parent's Visitation 7:00 pm-8:30 pm

**2/20/09**

Take Display Boards home

**2/28/09**

PJAS Regional Competition at Easton High School

**5/17/09-5/19/09**

PJAS State Competition at Penn State University main campus  
(All students with a 1<sup>st</sup> place at the Regional competition)

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Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Parent Signature

\_\_\_\_\_  
Date