

Setting up a Logbook for Science Research

1. **Purchase a composition notebook**, with sewn pages NOT a spiral or glued notebook. This will be called the “LOGBOOK” since you will record not only your thoughts as you contemplate a problem for your science project, but also record all of the pertinent information as you prepare for the experiment, record your data, and analyze your data. This LOGBOOK will be graded the second week of school and throughout the process including the final project. The LOGBOOK is critical to competitions, do NOT remove any pages and do NOT use whiteout, if you make an error cross it out with a single line. If you make errors while collecting DATA you should write your initials and date beside the line. (You also need to purchase **a folder with prongs and pockets** for the project)

2. **Set up the logbook** writing ALL entries in INK. The right column shows examples of the logbook pages.

Number each page on the right side in the lower right corner of the right pages. Do not number or write on the back of the pages.	Name's Logbook August 22, 2015 –
Make page 1 the title page which would include your name and first date of use	1
Make page 2 the Contents and include the first two sections of the Logbook. Write the page number on which that information begins. You will NOT include every page on the Contents page. Please don't skip lines.	Contents Timelines 3 Previous project 8 2
The next 5 pages will be labeled with each month you have through December and "Timeline". Each day you work on the logbook should be documented with a brief description on ONE line of what was done. You only write down information about the project. Many judges like to see how you developed the project. Timeline pages don't need a date in the upper corner since the page has the dates it covers.	August Timeline 19 – received assignment 20 – purchased logbook 22 – previous projects 3
Each aspect of the project will be written on a separate page(s) of the logbook. If you need more than one page continue on the next right page, the left sides should remain blank. Previous projects - Describe 2 projects that you have conducted before and mention if you would want to continue these. Realize that it is best to have the forms from the earlier year. If you have never completed a science project describe two lab activities that you have done in class that you could possibly turn into a project.	Previous Projects 8/22/15 In 6 th grade I..... (give question, a brief description of the experiment and conclusions. Also a statement about continuation.) 8
We will discuss the next step the first day of class so please bring the Logbook and a folder with prongs and pockets the first day, if possible	9

Other headings will be Proposal

Research – with outline for introduction

Plans for data – plans for chart, graphs and inferential statistics

Results

Draft Analysis – which includes draft abstract and project summary