

### **Setting up your Science Project Log Book**

Each project must contain a Science Project Log Book. It is recommended that students use a hard cover composition notebook, **NOT a spiral notebook** for this purpose. This log book is used for documentation and is proof that the students work is their own. The log book can be done in pencil or pen. The Log Book is critical to competition. **DO NOT remove any pages** and **DO NOT use white out**. If you make an error, simply **CROSS IT OUT** with a line, **DO NOT erase**. If you make errors while collecting data, you should write your initials and date beside the line. Mistakes are part of the scientific process and reevaluating work is encouraged.

### **The following NEEDS to be in your Science Fair Log Book and should be available for judges to view:**

- The student chosen topic written in your own handwriting.
- Any thoughts as you contemplate your problem for your Science Fair project such as how you will prepare, what materials you will use
- Five research summaries with information and the source in MLA format. Written student approved Hypothesis sheet.
- List of Independent, Dependent, Constant, Control Variables.
- All safety precautions (can be typed and pasted in)
- All data recorded, then placing in the data table. Data should be hand written in hand written data analysis.
- Hand written conclusion.

### **Other tips and tricks:**

- Number pages on the lower right corner of the page.
- Do not number or write on the back of the page.
- Make page 1 the title page and include your name and the first date of use.
- Make page 2 your Table of Contents. (DON'T skip lines)
- Each day you work on your project should have its own page. Write down dates and times and include a brief description of what was done that day. Only write down information about the project.
- You will also want to include your research with an outline for your introduction.
- Plans for data – charts, tables, and graphs
- Results – discussion
- Analysis of Results which includes a draft abstract and project summary.

For more detailed information and examples, please go online to [www.sciencebuddies.com](http://www.sciencebuddies.com) and look under Laboratory Notebooks, then click on the “How to use” link. There are great pictures and examples there.

**This will be a grade based on following the directions listed above.**