

Magic Show Lab Journals

When you are working in lab for the magic show, you need to keep accurate records, but a full, detailed lab report is unnecessary. I want to balance safety and the records you need against the time it takes to write the report. Most of the normal lab report is going to drop by the wayside (so no title page is needed--just list magic show journals in your table of contents). We will be concentrating on the materials, hazards, procedure, and data sections. One section will be added: disposal. Your lab journals will be worth a total of 30 points. They should be written in your lab book in blue/black ink.

Below is the format and order I am looking for on magic show lab journals. The cover page, goal, research, calculations, and conclusion sections will be dropped. Yes, you must write the headings!

Demonstration Name:

Tell what your demonstration's "official" name is

Demonstration Source:

Tell where you got the directions for your demonstration. The book's title/author and volume are usually sufficient.

Materials:

This is just like normal.

Hazards:

The hazards section will be modified. Most of the time, you will need to go to the MSDS sheets. Sometimes I will be giving you specific safety instructions.

Disposal:

Before you begin any demonstration, you must know the disposal procedure for ALL of your chemicals AND for the chemicals you will be making. This information is often available from the demonstration books. If it is not, use the Flinn Catalog.

Procedure:

If you are following a handout, just write "Following demo directions." You only need to write out a procedure if you will **not** be using a procedure from handouts. If you are doing work **not** covered in a handout, then write the directions as usual.

Data:

This section will contain the normal data: everything you see, feel, hear, taste, smell and measure (**especially** what you measure). It will also contain your thoughts about how the work is going and possible directions your show should take. This will include more of your interpretations of what is happening than you would normally place in a regular lab report. Set-up sketches are very important! Be sure to record any and all changes you make to the printed directions.