



Chemistry Lab Safety & Lab Notebook Format

Lab Book

First Page-Title Page for Notebook

- Include the name of course, your name, the school year, and the name of the school

Second Page-Table of Contents

- Table of Contents at Top
- Three Columns with the following headings: Date, Title of Experiment, and Grade

Lab Book Continued

Skip one page

Page Four: Lab Safety Rules

**Number each page in the upper right hand corner

Do NOT write on the back of the page

Lab Safety

1. Wear Safety Goggles at **ALL TIMES!**
2. Follow all directions very carefully
3. Never perform unauthorized experiments
4. Be aware of all safety equipment and procedures
5. Do NOT eat, drink, or chew gum in lab

Other Safety Precautions

6. Dispose of chemicals as directed
7. Clean your equipment and area after finishing the lab
8. NEVER leave Burners unattended
9. Read and study your procedure before starting the lab
10. If you have any questions, ask before you begin the experiment

Special Safety Procedures

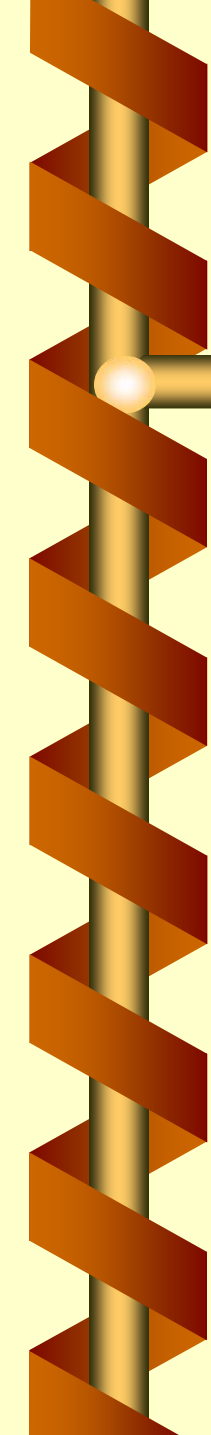
Eye Protection-Eye Wash

Fire Protection:

- Fire Extinguisher
- Fire Blanket
- Shower

Ventilation-Fume Hood & Windows

First Aid Kit



Lab Equipment

- Ω You will use a variety of different equipment this year
- Ω You will be responsible for knowing the name and usage of the equipment
- Ω Hand Out on Equipment



Lab 1: Understanding Equipment

Objective: to become familiar with basic equipment

Materials Used: Various Lab Equipment (See Hand Out)

Procedure:

1. Use your handout to find each piece of equipment



Procedure Continued

- 2. You will be expected to know the name of the equipment and explain how it is used
- 3. If you have a question about how to use the object, ask your teacher
- 4. Leave the equipment in the same area where you found it

Results

∩ Construct a chart like this:

<u>Equipment</u>	<u>Use</u>	<u>Sketch</u>
Beaker		
Erlenmeyer Flask		
Thermometer		
Bunsen Burner		
Graduated Cylinder		

Post Lab Questions

Answer the following questions in your lab notebook:

1. Which pieces of equipment can be used to measure the volume of water?
2. Which pieces of equipment could be used to heat sugar?
3. Name the pieces of equipment that are present on the apparatus on your teacher's desk.