

Name: _____

Date: _____

Per#: _____

The Laboratory Topic #1

Objectives

- Safety
 - Become responsible for safe procedure within the chemistry laboratory
 - Locate the safety equipment in the laboratory.
 - Simulate the proper use of the safety equipment.
 - Demonstrate the proper disposal of chemicals.
 - Demonstrate the correct technique for operating the laboratory burner.
 - Demonstrate the correct operation of equipment used in conjunction with a specified experiment.
- Laboratory Procedures
 - Write a standard scientific report to explain an experiment.
 - Make observations in the laboratory.
 - Make inferences in a laboratory situation.
 - Differentiate between observations and inferences in a laboratory situation.
 - Identify basic types of laboratory equipment.
 - Demonstrate correct technique for operating common laboratory equipment.

Vocabulary

- fire extinguisher
- apron
- eye wash station
- safety goggles
- safety shower
- PASS
- fire blanket

Videos

- Flinn Lab Safety Video
- Crash Course – Lab Techniques and Safety

Formulas/Conversion Definitions/Diagrams

- None

Self-Assessment

- Scientific Research
- Scientific Methods