

1. Describe what the following items look like and their purpose: (3.1.1)
  - a. Beaker: a cylinder with lines for measurement, used to store and heat liquids
  - b. Graduated Cylinder: tall skinny cylinder, used to measure the volume of a liquid
  - c. Petri Dish: short round closed in circle, used to hold growth cells
  - d. Microscope: flat spot for item to be looked at buttons and twisty things to clean and zoom piece you look in, used to see objects too small for human eye

2. What are some pieces of equipment used to collect data? (3.1.1 Conclusion ?s)

Some pieces of equipment used to collect data are sensor, labquest, and microscope.

3. What are the 3 pieces of PPE and their use? (Safety is and Attitude Notes)  
3 pieces of PPE are safety glasses (protect your eyes) lab coat (protect clothes and body) disposable gloves (keep hands safe from chemicals)

4. List the top 3 safety rules that you think are important: (Safety is and Attitude Notes)  
For the fire triangle you only need to take one out of the three to put out the fire, PPE is important to use, and be cautious of glass, chemicals, and fire.

5. Describe the following emergency equipment: (3.1.2)

- a. Emergency Stop Button: red button on wall
- b. Fire Blanket: red bag on table
- c. First Aid Kit: white container on table
- d. Fire Extinguisher: round red container on wall
- e. Eye Wash/Shower: sink in corner
- f. Emergency Response Card:
- g. (f answer) black folder

6. Explain what you would use the following pieces of equipment for: (3.1.1)

Name:

3.1 Study Guide

- a. Thermometer: see the temperature of something
- b. Electronic Balance: measure mass of a substance
- c. Graduated Cylinder: measuring liquids
- d. Ruler: measure distance or draw a straight line