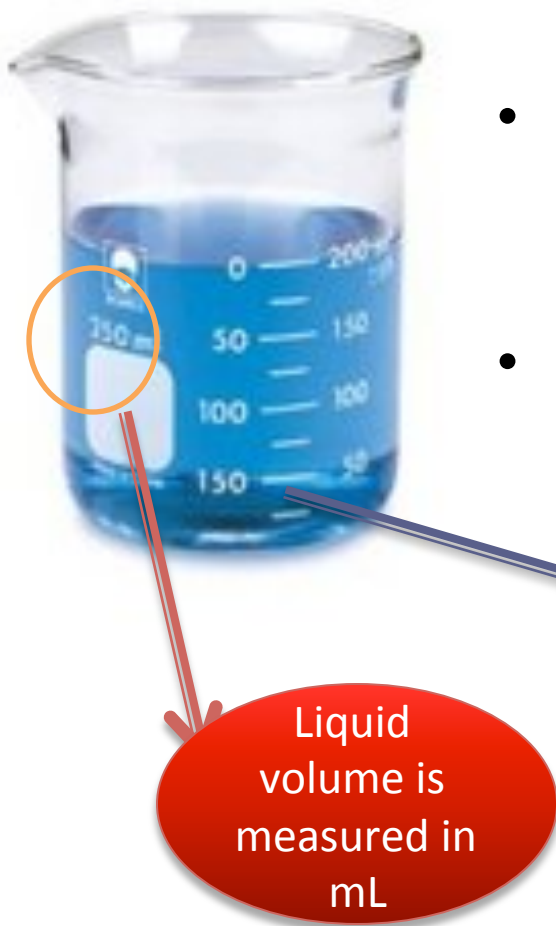


7th Grade Science Laboratory Equipment

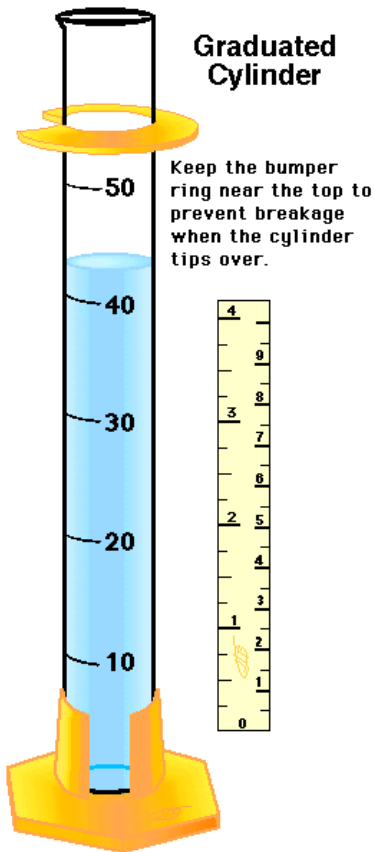
Beaker

- A wide-mouthed container used to **transport, heat, and store substances.**
- Can be used to measure liquid volume only if measurements do **not need to be precise.**
- Always read from eye level.



Notice that there are two scales on the beaker! Use the one that zero is at the bottom (right) if you are measuring the liquid.

Graduated Cylinder



- Used to measure volume very precisely.
- First, determine what each line means.
- Always read from eye level.
- Always read the bottom of the meniscus (the dip).

Erlenmeyer Flask

- A wide base glass container with a narrow neck, used for holding or carrying liquids.



Test Tube

- A clear cylindrical, glass tube open at one end and rounded at the other.
- Used in laboratory use and for experimentation.
- Examples: to view chemical reactions or to heat small amounts of a substance



Test Tube Rack

- A rack to place test tubes in before, during and after labs.



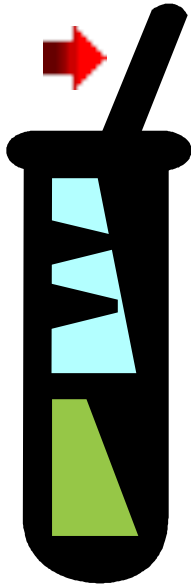
Wire Cleaning Brushes

- Used to clean test tubes and lab equipment.



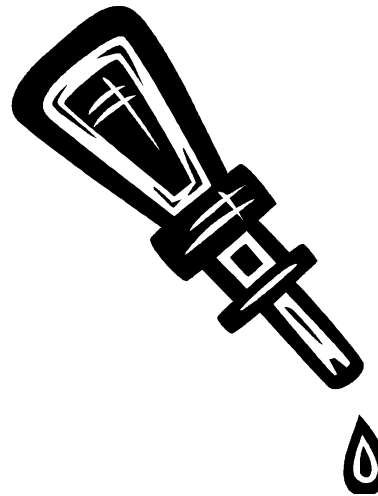
Glass Stirring Rods

- A glass rod using for stirring liquids in the lab.



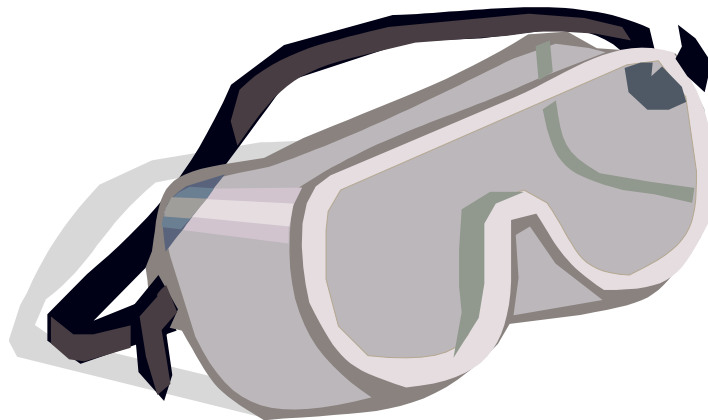
Dropper or pipette

- A small tube with a hollow bulb at one end and a small opening at the other.
- It is used for **drawing in a small amount of liquid** and **transferring it or dispelling it in drops.**



Safety Goggles

- Plastic eye-wear in the form of goggles or glasses that will protect the students' eyes during labs.



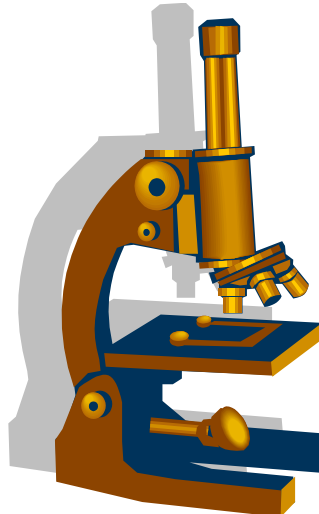
Triple Beam Balance

- A measuring instrument consisting of 3 beams to measure mass.
- The unit used the **gram (g)**.



Microscope

- An instrument that uses a magnifying lens or a combination of lenses for inspecting objects too small to be seen by the naked eye.



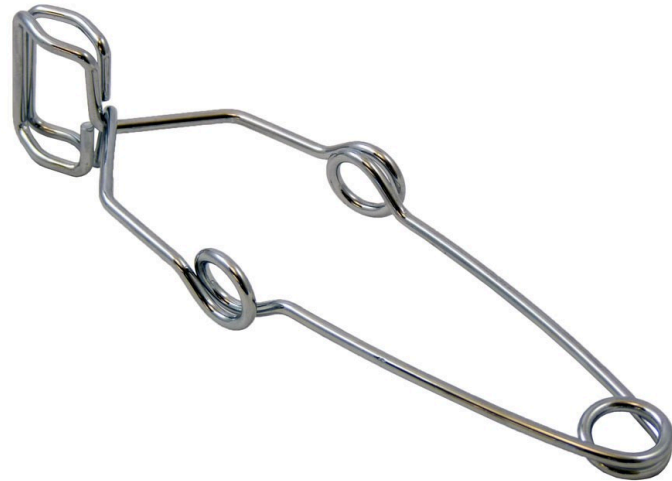
Bunsen Burner

- This connects to the gas source in the lab.
- The gas source provides **the fuel for a flame.**
- The flame is used to heat substances.



Test tube clamp

- Metal clamp with a spring handle.
- Used to carry **hot test tubes**.



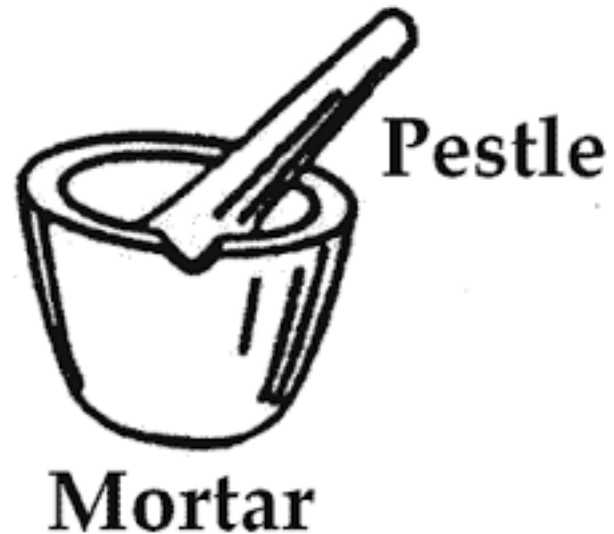
Watch glass

- Looks like a large lens.
- Used as a cover over a beaker to prevent spills or used as a dish to carry out experiments on.



Mortar and Pestle

- Used to grind chemicals into thin powders.



Tongs

- Used to carry **beakers** and **flasks**.



Ring Stand, Ring and Universal Clamp

- A **ring stand** is used to connect clamps in order to hold equipment at a given height.
- **Universal clamps** are used to hold test over a heat source.
- **Ring clamps** are used to hold other lab equipment over a heat source.



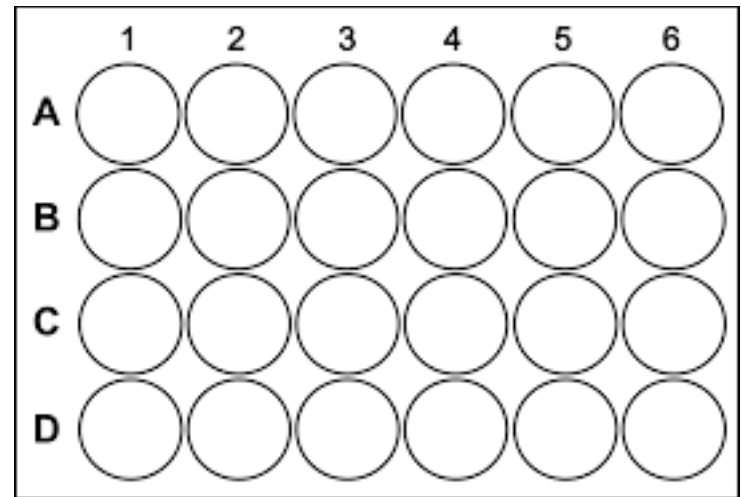
Scoopula

- Used to **scoop** powders and small solids in the lab.



Well Plate or Spot Plate

- Several small wells inside a tray.
- Used to mix small amounts of chemicals together.



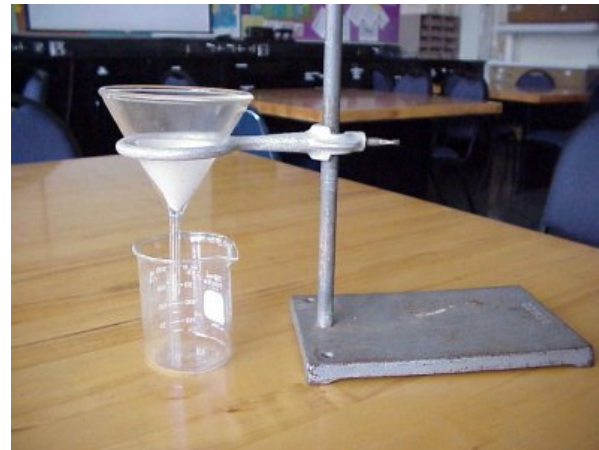
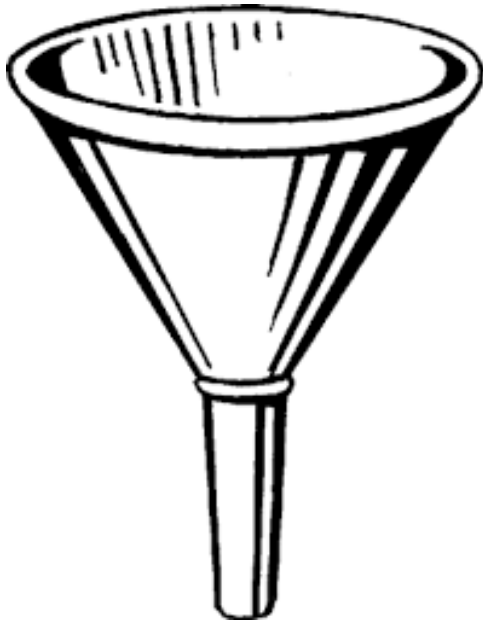
Wash Bottle

- Squeezable bottle filled with water to be used for experiments.



Funnel

- Aids in **pouring liquids into small openings.**
- Filter paper can also be used with a funnel to separate mixtures.



Thermometer

- Used to measure temperature. (We will be measuring in **degrees Celsius ($^{\circ}\text{C}$)**)

