

A decorative graphic consisting of a teal circle on the left side, partially overlapping a horizontal bar. The bar has a dark green gradient on the left and a light grey gradient on the right. A dark brown bracket is on the left side of the bar, and a teal bracket is on the right side. The text "SCIENCE EQUIPMENT" is centered on the bar.

# SCIENCE EQUIPMENT

# [ Balance ]

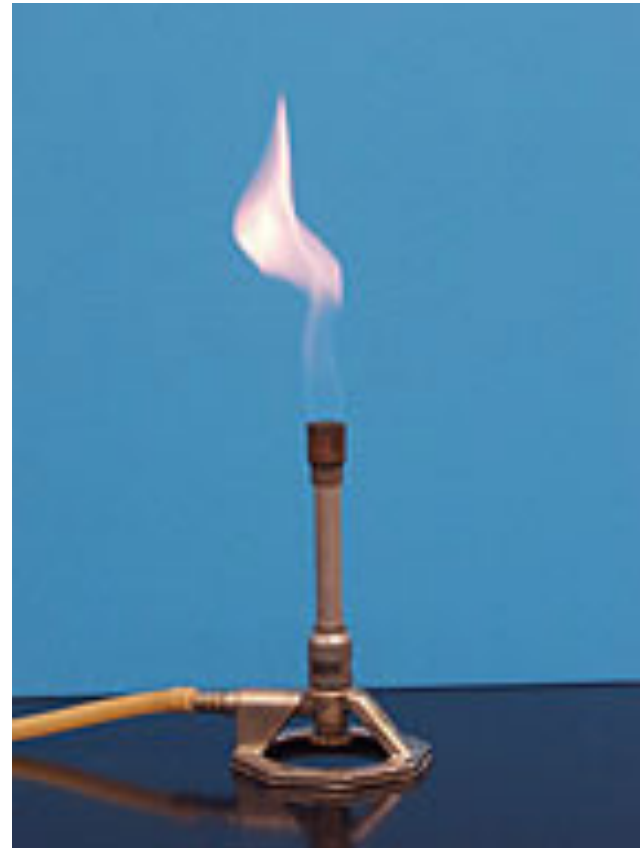
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- The function of a balance is to mass objects



# Bunsen Burner

- The function of a bunsen burner is to heat substances. The burner can be regulated by changing the air and gas mixture



# [ Hot Plate ]

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- Hot plates are often used as an alternative to the bunsen burner. Some hot plates have a stirring mechanism as part of their design.



# [ Beaker ]

- The primary function of a beaker is to hold and work with liquids.
- If graduated, it can serve to make approximate measurements of liquid volume



# [ Beaker ]

- The beaker is made of specialized glass so it can be heated and cooled without breaking. This type of glass makes the beaker brittle and it must be handled carefully



# Graduated Cylinder

- Graduated cylinders are specifically designed to make accurate volume measurements.
- Read at the meniscus
- Various sizes



# Erlenmeyer Flask

- The function of a flask is to hold and store liquids.
- It is graduated to make approximate measurements.
- Mixing contents can be done with little or no spillage





# Gloves

- Gloves are used to protect hands.
- Some gloves protect against heat while others serve as a barrier against harmful substances



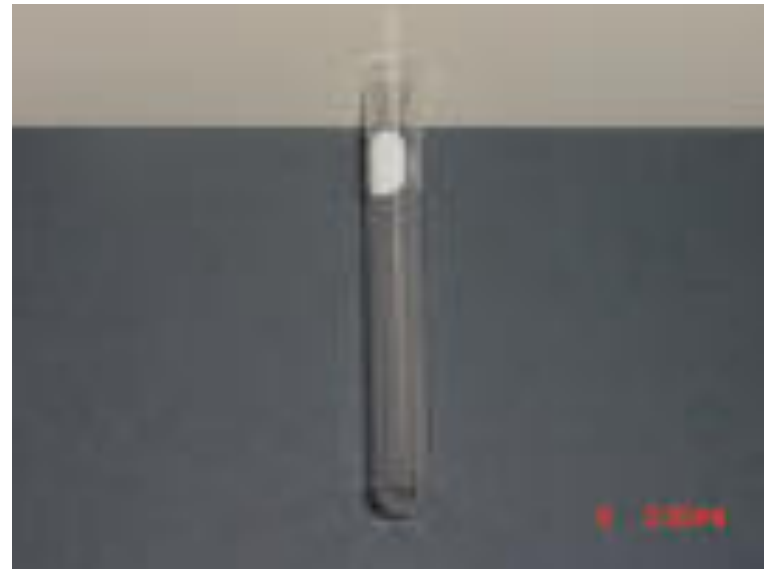
# [ Goggles ]

- Eye protection is a priority in any science laboratory setting



# [ Test Tube ]

- The function of a test tube is to hold a small experiment.
- The test tube is made of specialized glass so it can be heated and cooled without breaking.



# [ Test Tube Rack ]

- The test tube rack is obviously designed to hold test tubes



# [ Test Tube Holder/ Clamp ]

- The test tube holder is used to hold test tubes without touching them.
- It is especially useful when heating test tubes over a Bunsen burner or in a hot water bath.



# [ Pipet ]

- Pipettes are devices that allow the users to extract or deliver small amounts of liquid.
- Many designs



# [ Pipet Pump/ Bulb ]

- Used to pull liquid up into a pipet tube



# [ Petri Dish ]

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- A petri dish is a flat dish made of plastic or glass with a cover that is primarily used to grow bacteria.





# Microscope

- Light microscopes are valuable tools that allow a user to view small objects.
- Student microscopes can magnify between 40 and 1000 times



# [ Funnel ]

- Funnels are used to separate solids from a solution.
- They may also be used when pouring liquids into a container.



# [ Striker ]

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- Used to light a Bunsen burner
- NOT a toy noisemaker during lab



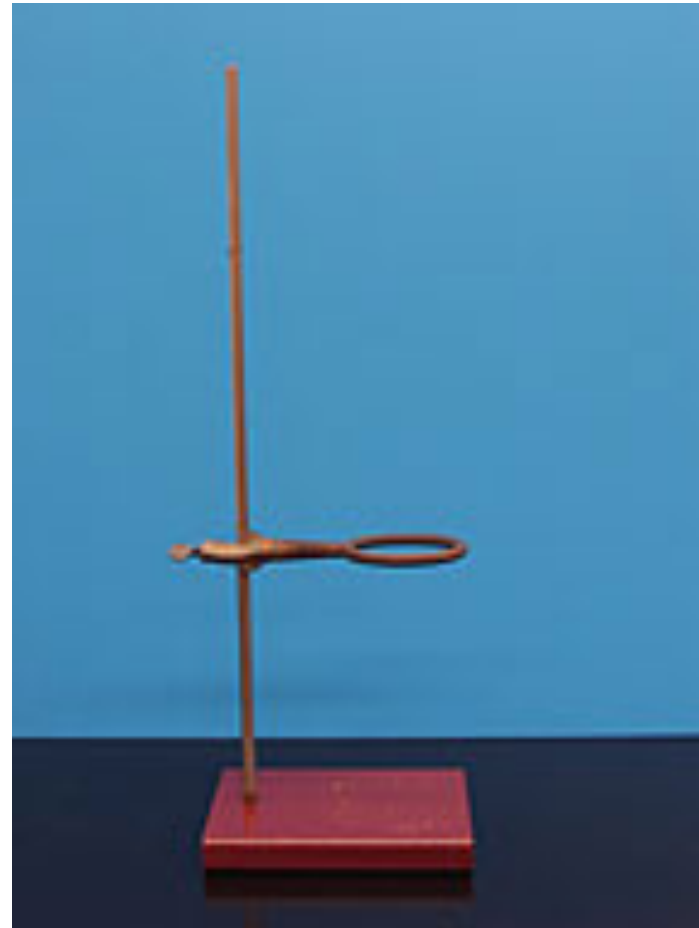
# Wash Bottle

- Washbottles usually contain distilled water and make for a convenient method to wash out test tubes or pipettes.
- Can also be used to dispense chemicals into test tubes or spot plates



# [ Ring Stand ]

- A ring stand provides support for various clamps and rings.
- These can then be used to hold test tubes, beakers, and flasks



# Thermometer

- The thermometer is an instrument for determining temperature.
- Most lab thermometers are in Celsius



# [ Spot Plate ]

- A spot plate is used when testing several small samples.



# [ Scoopula ]

- A scoopula is a device used to scoop up solids (powders).
- Use a scoopula rather than fingers for transferring chemicals





# Mortar & Pestle

- The MORTAR is the dish
- The PESTLE is the grinder
- They are used to crush or grind up chemicals



# [ Magnifying Glass ]

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- Used to enlarge images of specimens to see them in more detail.

