

Equipment Term and Definition List

BEAKER—The primary function of a beaker is to hold and work with liquids.

ERLENMEYER FLASK—used in storing heating and measuring of substances

BUNSEN BURNER—The function of a Bunsen burner is to heat substances.

CLAY TRIANGLE—A clay triangle can be placed on a ring stand to hold a beaker, and heat can then be applied to the beaker from below using a Bunsen burner

CRUCIBLE AND COVER—A **crucible** is a cup-shaped piece of laboratory equipment used to contain chemical compounds when heating them to very high temperatures

CRUCIBLE TONGS—Used for grasping a crucible at high heat

EVAPORATING DISH—The evaporating dish is ceramic and can be heated to high temperatures.

BURET (also spelled burette)—A graduated glass tube used to deliver variable volumes of liquid; usually equipped with a stopcock to control the liquid flow.

FILTER FLASK—A flask with a side arm to which a vacuum can be applied; usually filter flasks have heavy sidewalls to withstand high vacuum.

FLORENCE FLASK or ROUND BOTTOM FLASK—Used to store or measure liquids

FORCEPS—a hand-held instrument used for grasping and holding objects;

FUNNEL—used to channel the flow of a substance, as into a small-mouthed container.

GRADUATED CYLINDER—A thick-walled glass tube used for measuring out volumes of liquid

MORTAR AND PESTLE—Mortar and pestles are used to grind solids into powders.

PINCH CLAMP—Used to pinch off or pinch together certain pieces of lab equipment

PIPETTE—(pipet is an alternate spelling) Pipettes are devices that allow the users to extract or deliver small amounts of a liquid.

RING AND RING STAND—a metal stand consisting of a long upright rod attached to a heavy rectangular base that is used with rings and clamps for supporting laboratory apparatus

STRIKER—A metal utensil which, when pressed down and across creates a spark used to light Bunsen burners

STIRRING ROD—The function of a stirrer is to agitate liquids for speeding up reactions or improving mixtures

WELL PLATE—To hold and or store liquids

TEST TUBE—The function of a test tube is to hold a small experiment, which would be used to conduct an investigation.

TEST TUBE BRUSH—Test tube brushes are used to clean test tubes and graduated cylinders. Forcing a large brush into a small test tube will often break the tube.

TEST TUBE CLAMP—Designed to hold a test tube firmly so the user won't have to touch it

TEST TUBE RACK—The test tube holder is designed to hold test tubes.

SPATULA/SCOOPULA—A metal implement used to scoop chemicals out of a reagent bottle.

TRIPOD—A three legged support stand used to hold a beaker or other container above a Bunsen burner.

VOLUMETRIC FLASK—A special glass vessel used for holding or measuring out a precise volume of liquid to a high level of accuracy.

WATCH GLASS—A shallow glass dish used as a beaker cover or evaporating surface

WASH BOTTLE—Wash bottles usually contain distilled water and make for a convenient method to wash out test tubes or pipettes.

WIRE GAUZE—The **wire gauze** is used to evenly spread out the heat of the flame from a Bunsen burner

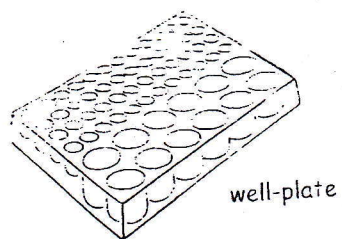
Source Bibliography and Websites to visit for studying (There are pictures on these websites!)

http://www.chem.ubc.ca/courseware/121_glossary/glossary.html

http://www.sciencegeek.net/Chemistry/Powerpoint/Equipment/Equipment_files/frame.htm

<http://cfbstaff.cfbisd.edu/mattep/webpage/safety.htm>

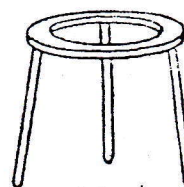
pipet



well-plate



test tube clamp



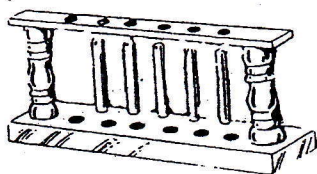
tripod



stirring rod



spatula



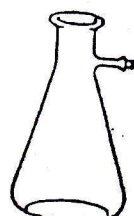
test tube rack



crucible and cover



test tube brush



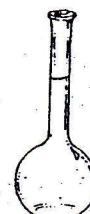
filter flask



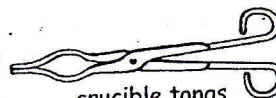
buret



watch glass



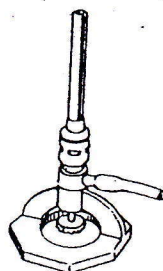
volumetric flask



crucible tongs



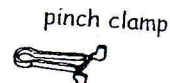
beaker



Bunsen burner



evaporating dish



pinch clamp



mortar and pestle



forceps

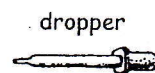


test tube



Erlenmeyer flask

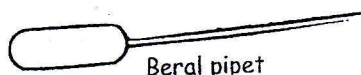
ring and ring stand



dropper



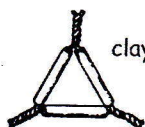
wire gauze



Beral pipet



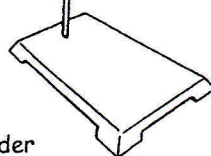
funnel



clay triangle



graduated cylinder



wash bottle



round bottom flask