

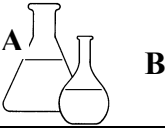





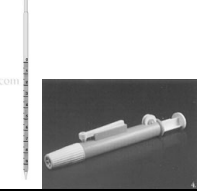
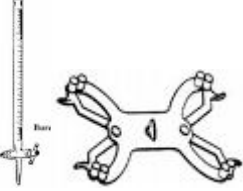







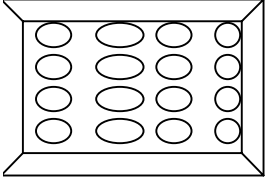














Science Lab Equipment Study Sheet

Apparatus	Description	Use	Name
	Glass Common Sizes: 100, 250, 400, & 1000 mL	As a container, cup Stirring, Mixing, Pouring, Heating	BEAKER
	Glass Usually marked with a milliliter (mL) scale	To measure volume	GRADUATED CYLINDER
	Glass Common Sizes: 125, 250, 500 ml	May be heated	a. ERLLENMEYER FLASK b. ROUND BOTTOM FLASK
	Glass Several Sizes	Many uses: Can be heated Mixing/Watching reactions	TEST TUBE & TEST TUBE BRUSH
	Wood, metal, plastic	To hold test tubes upright	TEST TUBE RACK
	Metal Clamp with a spring handle	Used to hold a test tube	TEST TUBE HOLDER
	Metal Clamp with screws, nut, & curved clamp	To hold test tubes securely on the ring stand	TEST TUBE CLAMP
	Metal	To pick up and hold a crucible	CRUCIBLE TONGS
	Glass	Used to collect/add specific volumes of liquids Used for suction to pull liquids into the apparatus	PIPETTE PUMP
	Glass Marked in milliliter scale Fitted with a stopcock, pinch clamp, or glass bead Metal Clamp With flexible clips	Used to hold liquids for titration To hold burets when titrating	a. BURET b. BURET CLAMP
	10 cm _____ Used to measure length Divided into cm and mm divisions	To measure length	METRIC RULER
	Triangular wire frame with clay material coverings	To support the crucible	CLAY TRIANGLE
	Small porcelain dish with cover	To heat small amounts of solid material at high temperature	CRUCIBLE AND COVER
	Wire screen with ceramic fibered center	To spread the heat of a flame Rests on the ring for the ring stand	WIRE GAUZE
	Metal heating device connected to gas outlet with rubber tubing	To heat chemicals in beakers or test tubes	BUNSEN BURNER
	Metal rod upright, heavy base	A support with many uses	RING STAND and RING

	Glass Marked off to liter capacity, with a glass stopper	Used in the preparation of solutions	VOLUMETRIC FLASK
	Plastic Many different wells	Used to hold liquids in micro experiment	CHEM PLATE SPOT PLATE
	Heavy porcelain Dish with grinder	To grind chemicals to a powder	MORTAR & PESTLE
	Metal/Porcelain	To transfer chemicals in weighing	CHEMICAL SCOOP
	Squeezable plastic bottle with angular tip	To dispense distilled water	WASH BOTTLE
	Porcelain dish	As a container for small amounts of liquid being evaporated	EVAPORATING DISH
	Curved glass	May be used as a beaker cover or for evaporating small amounts of liquid	WATCH GLASS
	Plastic	Used in micro experiments to transfer small amounts of liquid	MICROPIPETTE
	3 metal bars with riders for 100s, 10s, and 1s measurement	Used to find the mass in grams of an object	TRIPLE BEAM BALANCE
	Digital scale, precise to the thousandths of a gram	Used to find the mass in grams of an object	ELECTRONIC BALANCE
	Usually metal or plastic with a hook and a metal spring	Finds the force in (N)	SPRING SCALE
	Electric device often with a heat and stirring controls	Used to heat substances in glass or metal containers	HOT PLATE
	Plastic, disposable	Tray or paper used to hold find the mass of a chemical	WEIGH BOAT
	Glass or plastic with lid	Used to collect specimen or hold agar for growing specimen	PETRI DISH

Other items to know: first aid kit, fire extinguisher, apron, goggles, stopwatch, glass rod, forceps/tweezers, droppers, rubber tubing, metal file, funnel, and pH/Litmus paper (B.R.A. & R.B.B.)