

## Lab Equipment

### Beaker

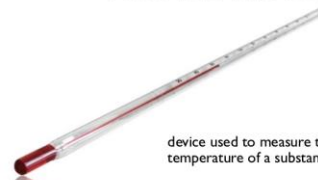


- simple container for stirring, mixing and heating liquids
- generally cylindrical in shape, with a flat bottom and a lip for pouring
- available in a wide range of sizes, from one millilitre up to several litres.



- **A microscope is an instrument that magnifies objects**
- **Magnifies objects 4x, 40x, and 100x more than the human eye**

### Thermometer



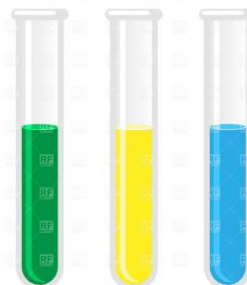
device used to measure the temperature of a substance

## Mortar & Pestle



- a tool used to crush, grind, and mix solid substances
- the pestle is a heavy bat-shaped object, the end of which is used for crushing and grinding
- the mortar is a bowl, typically made of hard wood, ceramic or stone

Test Tube  
Many uses; can be heated, used for mixing/ watching reactions



- A **metric ruler** is used to measure the length, height and width of an object or the distance between two points, objects or places. Depending on the length of the **metric ruler**, it can be divided into millimeters, centimeters, decimeters or meters.



- The triple beam balance is a **mechanical balance used for very precise weight measurements**. It is named for its three weighted rider beams (100s, 10s, 1s).
- Used to find mass in grams



- A **spring scale** or **spring balance** is a type of weighing scale. It consists of spring fixed at one end with a hook to attach an object at the other.



#### Goggles

- **close-fitting eyeglasses with side shields**, for protecting the eyes from glare, dust, water, etc



- A **hot plate** is a portable self-contained tabletop small appliance that features one, two or more electric heating elements or gas burners.