Using the Microscope

A **compound light microscope** uses two lenses and a light source to make objects appear larger. The object is magnified by a lens near your eye, the **ocular lens** (sometimes called the eyepiece), and again by a second lens, the **objective lens**, which is just above the object. The comparison of the actual size of the object with the size of its image is referred to as **magnification**.

Parts of the microscope

Body Tube -

Stage Clips -

Coarse-adjustment

Knob -

\***It is used with the low-power objective lens only.**\*

Condenser Lens -

Diaphragm -

Fine-adjustment Knob-

Objective Lenses –

Ocular Lens -

Revolving Nosepiece -

Stage -

Base -

Arm -

Lamp -

**When carrying a microscope, ALWAYS hold it in an upright position with one hand supporting the base and the other grasping the arm.**