

## The Compound Microscope

**Eyepiece:** Holds the top lens which has a magnifying power of 10 times normal size.

**Body Tube:** A hollow tube that can be raised and lowered for changing the lenses.

**Nosepiece:** A movable part that holds the bottom lenses (objectives).

**Low Power Objective:** The smallest lens which has a magnifying power of 4 times normal size.

**Medium Power Objective:** The middle lens with a magnifying power of 10 time normal size.

**High Power Objective:** The largest lens with a magnifying power of 40 times normal size.

**Coarse Adjustment Knob:** The knob that raises or lowers the stage to bring the specimen into view.

**Fine Adjustment Knob:** The knob that helps to clear the focus of the specimen; sharpens the image view.

**Arm:** The part that can be used as a handle for lifting the microscope.

**Base:** The flat bottom part that rest on the table.

**Clips:** Metal strips that hold a slide secure on the stage.

**Stage:** The platform on which the slide is placed.

**Diaphragm:** The part that controls the amount of light reaching the slide.

**Light Source:** The part that illuminates the slide and specimen.

**Slide:** A flat, rectangular piece of glass or plastic for mounting the specimen for observation.

**Cover Slip:** A very thin square of glass or plastic for covering the specimen for observation.

