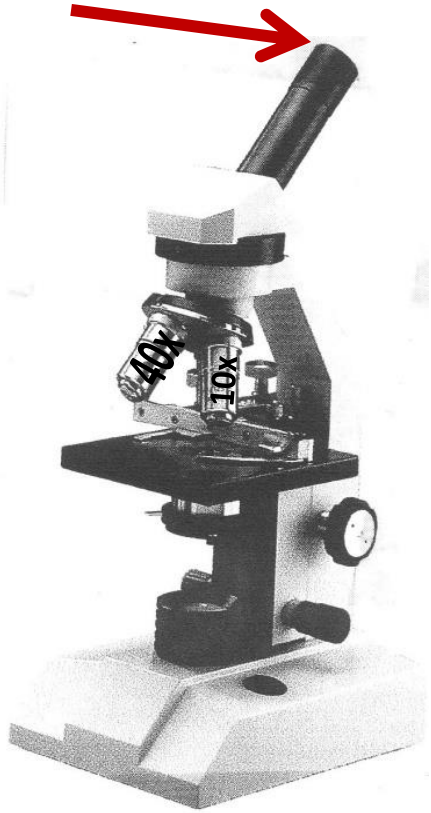
Microscope Parts

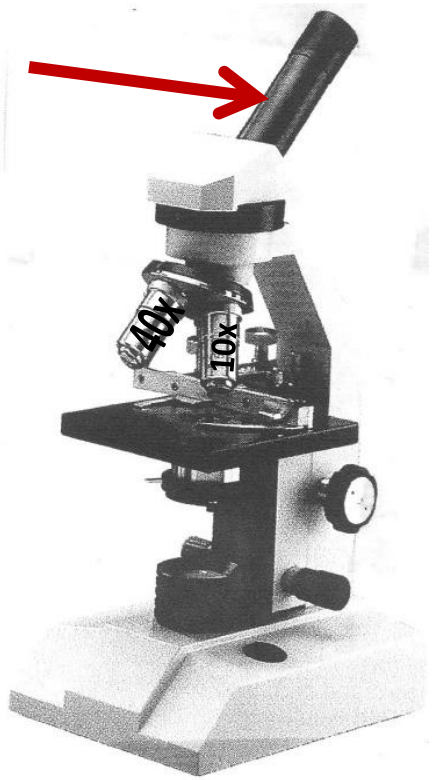
Ocular

Eyepiece (10x)



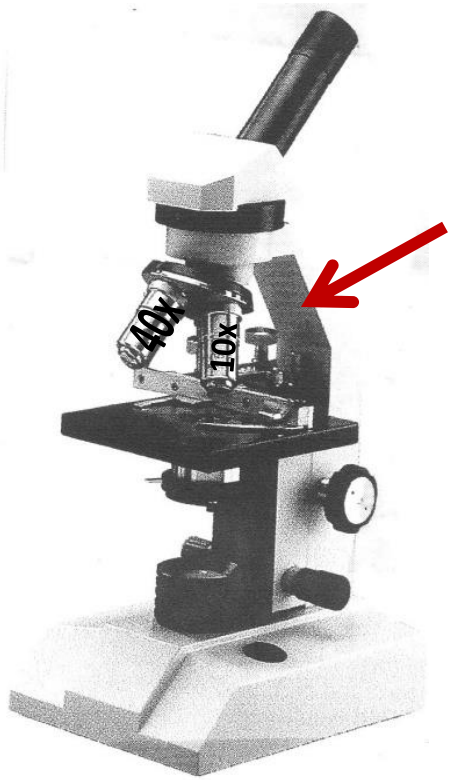
Body Tube

Long tube that holds eyepiece and connects to objectives



Arm

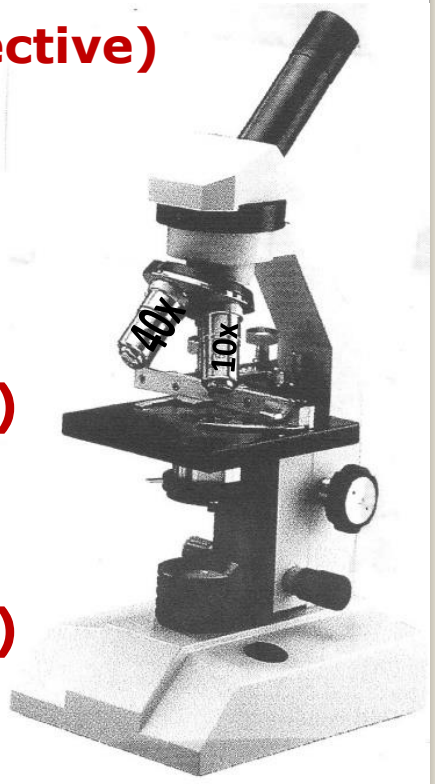
Part used to carry microscope



Objectives (magnifying lenses)

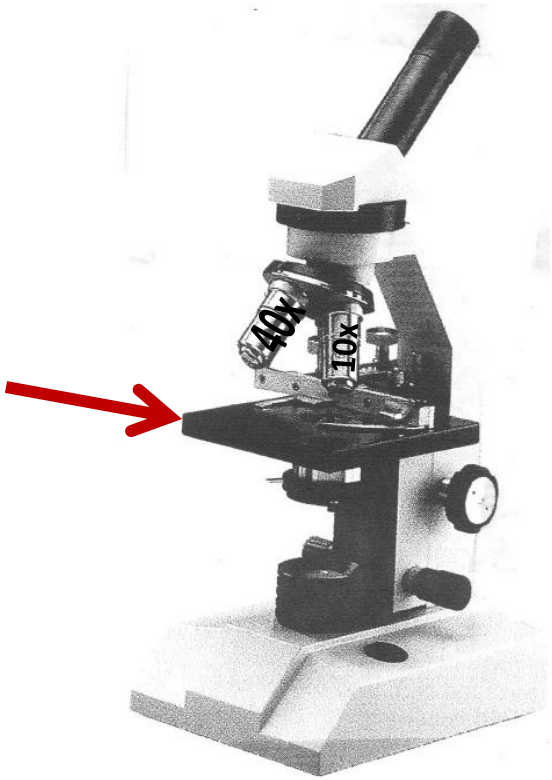
Total mag = (ocular) (objective)

Scanner	**4x**	**40x = (10x)(4x)**
Low Power	**10x**	**100x = (10x)(10x)**
High Power	**40x**	**400x = (10x)(40x)**
Oil Immersion	**100x**	**1000x = (10x)(100x)**



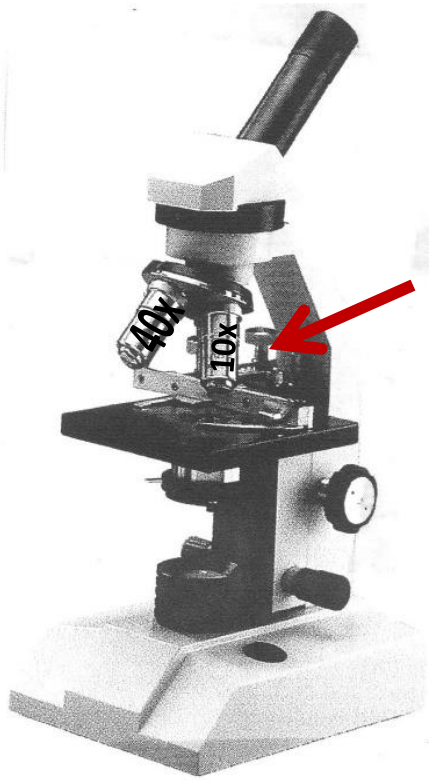
Stage

Large, flat area under the objectives where slides are placed for viewing



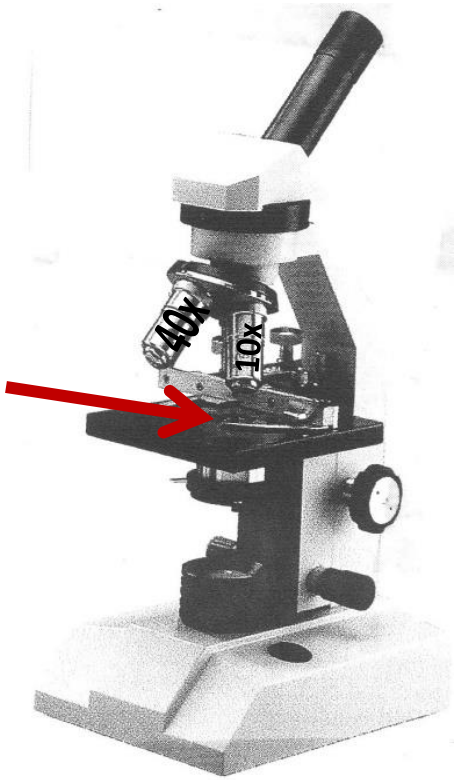
Mechanical Stage

Moves slide



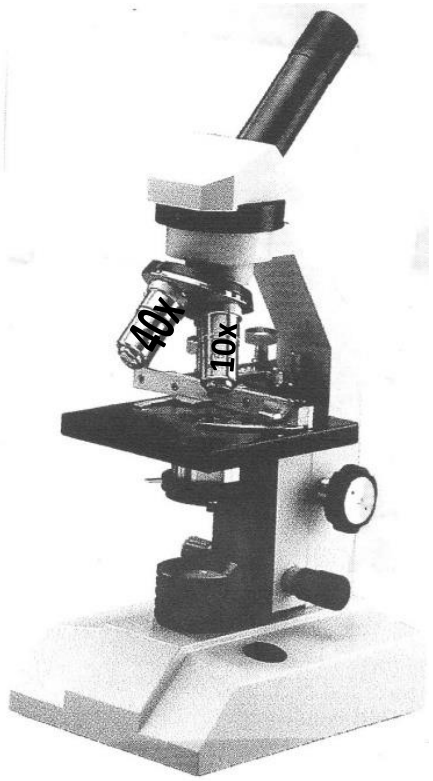
Stage Clips

Holds slide in place on stage



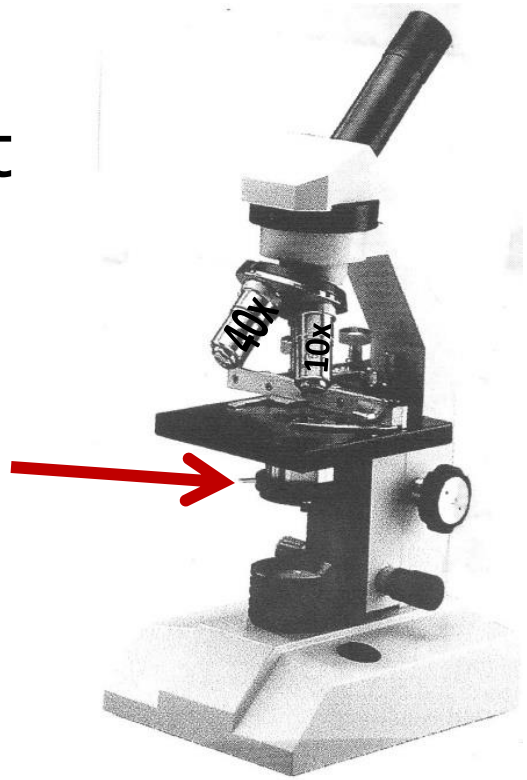
Condenser

Focuses the light on the specimen (allow for sharper image)



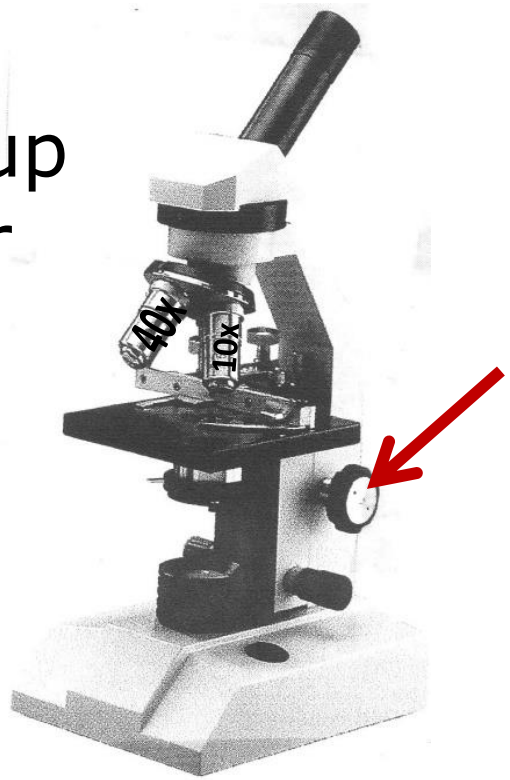
Diaphragm

Changes the amount of light passing through the specimen



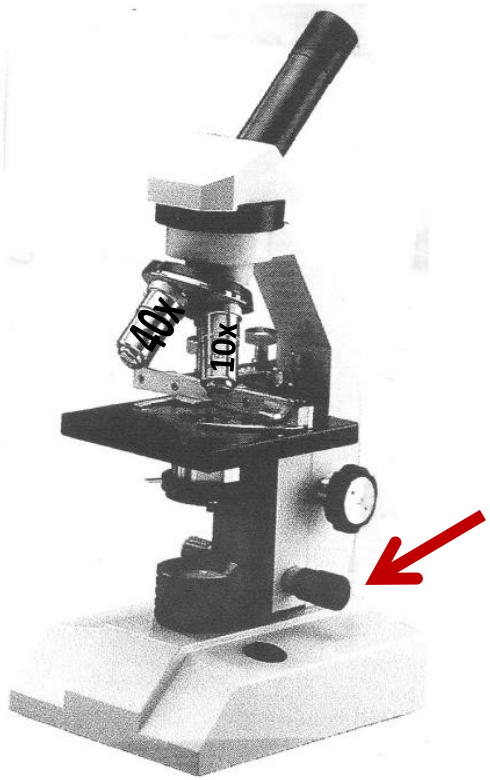
Course Adjustment

Large knob that moves stage up & down for focusing in scanner and low power



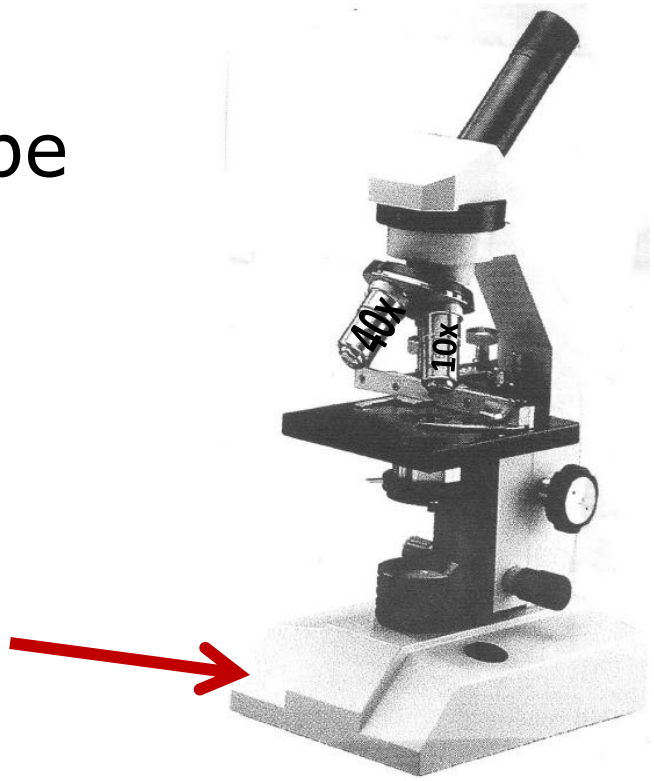
Fine Adjustment

Small knob used for fine focusing



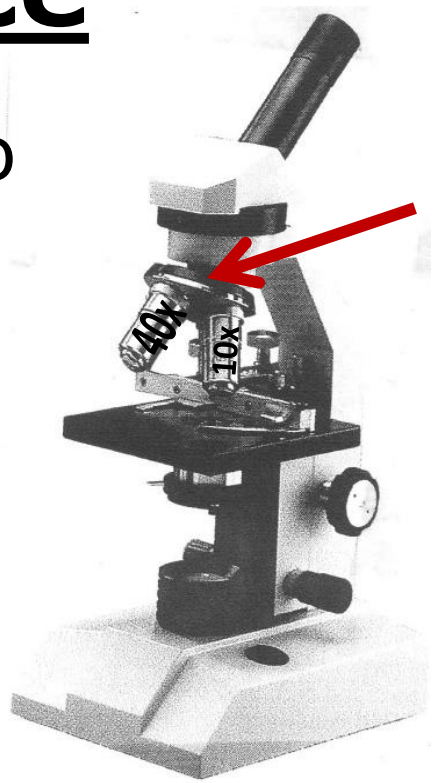
Base

Bottom part of microscope

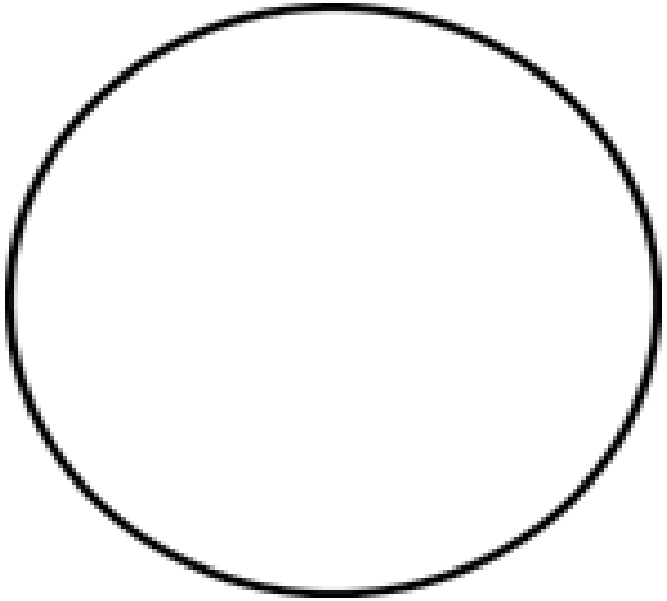


Revolving Nosepiece

Holds objectives; allows you to rotate the objectives



Label



Total Magnification

How To Make A Wet Mount Slide: