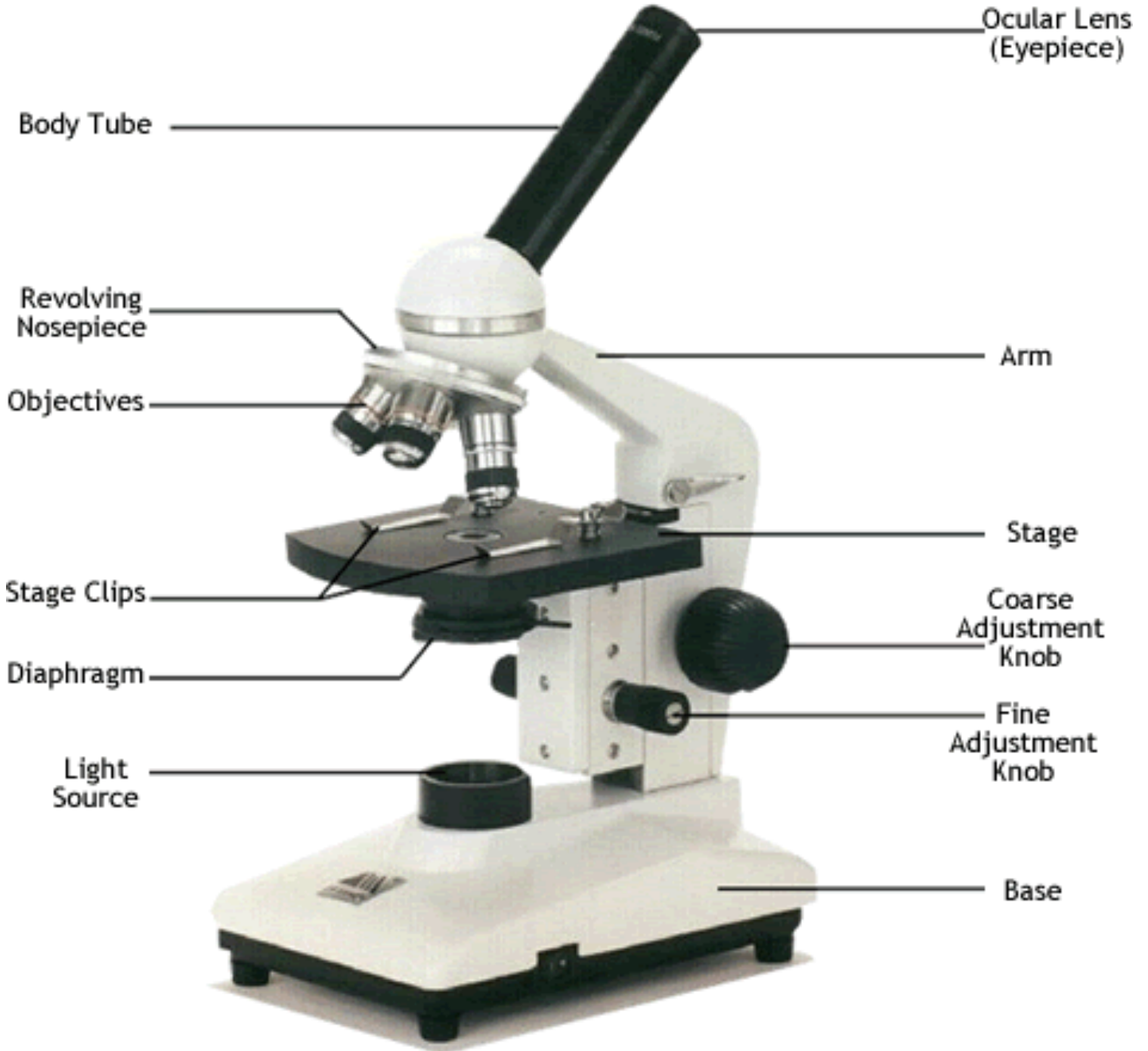


Parts of a Microscope



Using the Microscope

1. Place the dry/wet mount on the *STAGE*. Secure the slide with the *STAGE CLIPS*.
2. Turn on the light source. Turn the revolving *NOSEPIECE* so the *SCANNING* objective lens is locked into place directly above the slide.
3. Adjust the amount of light coming through the *DIAPHRAGM* to allow the best view.
4. Turn the *COARSE ADJUSTMENT KNOB* until the view is as clear as possible.
5. Turn the *FINE ADJUSTMENT KNOB* to make the view a little more clear.
6. Turn the *NOSEPIECE* to the *LOW POWER OBJECTIVE* lens and repeat steps 4-5.
7. Turn the *NOSEPIECE* to the *HIGH POWER OBJECTIVE* lens and turn only the *FINE ADJUSTMENT KNOB*.
8. Draw your organism under the best view (that may not be the *HIGH POWER OBJECTIVE*).

Making a Dry Mount

1. Lay *SLIDE* on a flat surface. Place the specimen on the *SLIDE*.
2. Gently place the *COVER SLIP* on the *SLIDE*.
3. Place the *SLIDE* under the microscope.

Making a Wet Mount

1. Lay *SLIDE* on a flat surface. Place the specimen on the *SLIDE*.
2. Place 3-4 drops of water over the specimen.
3. Gently place the *COVER SLIP* at a 45° angle on the end of the *SLIDE*. Slide the coverslip towards the specimen until the edge of the *COVER SLIP* just touches the edge of the water.
4. Gently lay the *COVER SLIP* down over the water pushing the air bubbles out from the slide.
5. Place the *SLIDE* under the microscope.