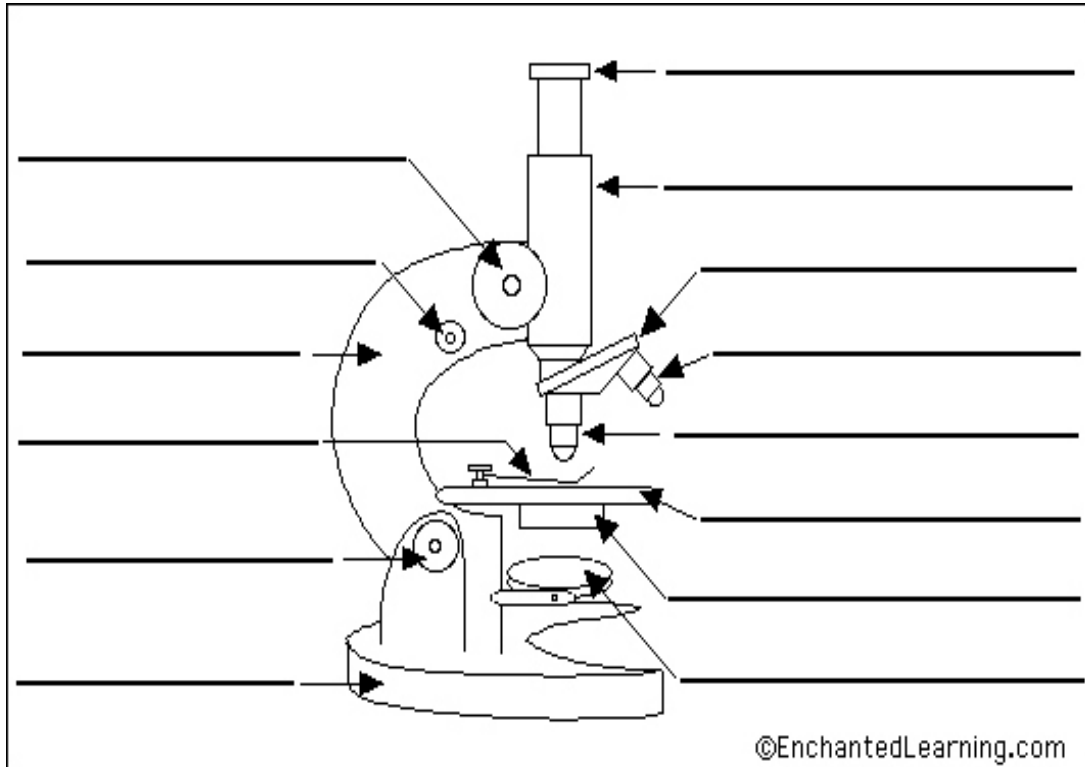


# Science

## *“The Compound Microscope”*

### **Instructions:**

Label the parts of the compound microscope in the space provided.



### **Answers:**

- ▶ **Arm** - this attaches the eyepiece and body tube to the base.
- ▶ **Base** - this supports the microscope.
- ▶ **Body Tube** - the tube that supports the eyepiece.
- ▶ **Coarse Focus Adjustment** - a knob that makes large adjustments to the focus.
- ▶ **Diaphragm** - an adjustable opening under the stage, allowing different amounts of light onto the stage.
- ▶ **Eyepiece** - where you place your eye.
- ▶ **Fine Focus Adjustment** - a knob that makes small adjustments to the focus (it is often smaller than the coarse focus knob).
- ▶ **High-Power Objective** - a large lens with high magnifying power.
- ▶ **Inclination Joint** - an adjustable joint that lets the arm tilt at various angles.
- ▶ **Low-Power Objective** - a small lens with low magnifying power.
- ▶ **Mirror (or light source)** - this directs light upwards onto the slide.
- ▶ **Revolving Nosepiece** - the rotating device that holds the objectives (lenses).
- ▶ **Stage** - the platform on which a slide is placed.
- ▶ **Stage Clips** - metal clips that hold a slide securely onto the stage.