

NAME: _____

DATE: _____

Compound Microscope Parts

Term	Definition
1. Eyepiece	<ul style="list-style-type: none"> • Also known as the ocular lens • The part of the microscope that you look through • Magnifying power is displayed on the side of the eye piece
2. Tube	<ul style="list-style-type: none"> • Holds the eyepiece and the objective lenses at the proper working distance from each other
3. Revolving Nosepiece	<ul style="list-style-type: none"> • Rotating disk or ball that holds two or more objective lenses • To change lenses (magnification), turn the rotating nosepiece • Each lens will click into place
4. Objective lenses	<ul style="list-style-type: none"> • Attached to the nosepiece • There are usually 3 different lenses with the different magnification power listed on the side of each objective lens. <ul style="list-style-type: none"> ○ Low power _____ ○ Medium power _____ ○ High power _____
5. Arm	<ul style="list-style-type: none"> • Connects the base of the microscope and the tube • Use the arm as well as the base for carrying the microscope
6. Stage and Stage Clips	<ul style="list-style-type: none"> • Supports the microscope slide with the help of the stage clips • The hole in the center of the stage allows light from the light source to pass through the slide
7. Diaphragm	<ul style="list-style-type: none"> • The diaphragm is a rotating disk below the stage • This is used to control the amount of light reaching the object being viewed
8. Light Source	<ul style="list-style-type: none"> • The source of light which is usually situated at the bottom of the microscope • It makes it easier to view the object/specimen on the slide • Some microscopes might have a mirror instead of a light
9. Coarse-Adjustment Knob	<ul style="list-style-type: none"> • Typically, the larger knob present on the microscope • The knob is rotated back and forth to bring the slide into focus • It is used mainly with the scanning and low power objective lens
10. Fine-Adjustment Knob	<ul style="list-style-type: none"> • Typically, the smaller knob present on the microscope • The knob is used with the medium and high power objective lenses to bring the slide into sharper focus
11. Base	<ul style="list-style-type: none"> • The base is the bottom part of the microscope • Use the base in conjunction with the arm to carry the microscope • It is usually made up of a durable material as it supports the microscope and provides stability

Use the table to help you label all 11 parts of the Compound Microscope

