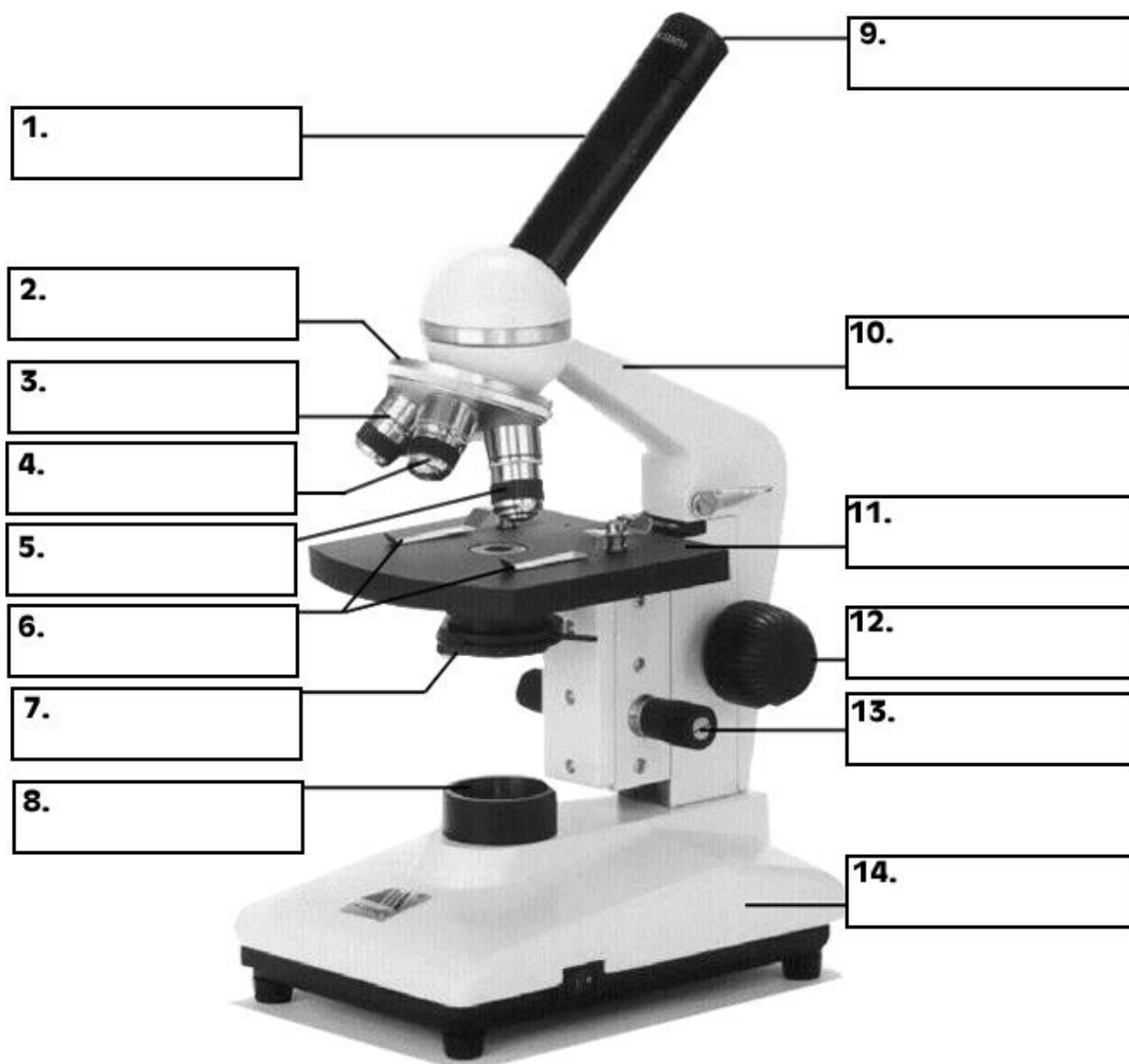


# The Microscope



# Terms for Microscope Labeling Activity

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#1 Tube – Reflects light up to the viewer's eye

#2 Rotating Objects – Allows for quick change of objectives

#3 Low Power Objective – The first lens you use when doing proper microscope work. Usually 4X

#4 Medium Power Objective – The second lens you use when doing proper microscope work. Usually 10 X

#5 High Power Objective – The highest magnification used. Usually 43X. NEVER use the course adjustment when using this lens.

#6 Stage Clips – Use to keep the slide in place.

#7 Diaphragm – Use to vary the amount of light passing through the slide. Usually it is better if the amount of light is low.

#8 Light Source – Sends light up through the diaphragm and through the slide for viewing

#9 Eye Piece—The part you look at with your eye. Usually 10X magnification

#10 Neck – Used to safely transport microscope

#11 Stage – Slides are placed on this

#12 Coarse Adjustment – Used to make large changes in focus. NOTE: Never use this when viewing on high power

#13 Fine Adjustment – Used to small adjustments of focus

#14 Base – Used to safely transport the microscope