

# Parts of the Microscope and Their Function

On the next slide there is an image of a microscope, very similar to the scopes we use in class.

Click on the boxes to see the name and function of each part of the microscope.

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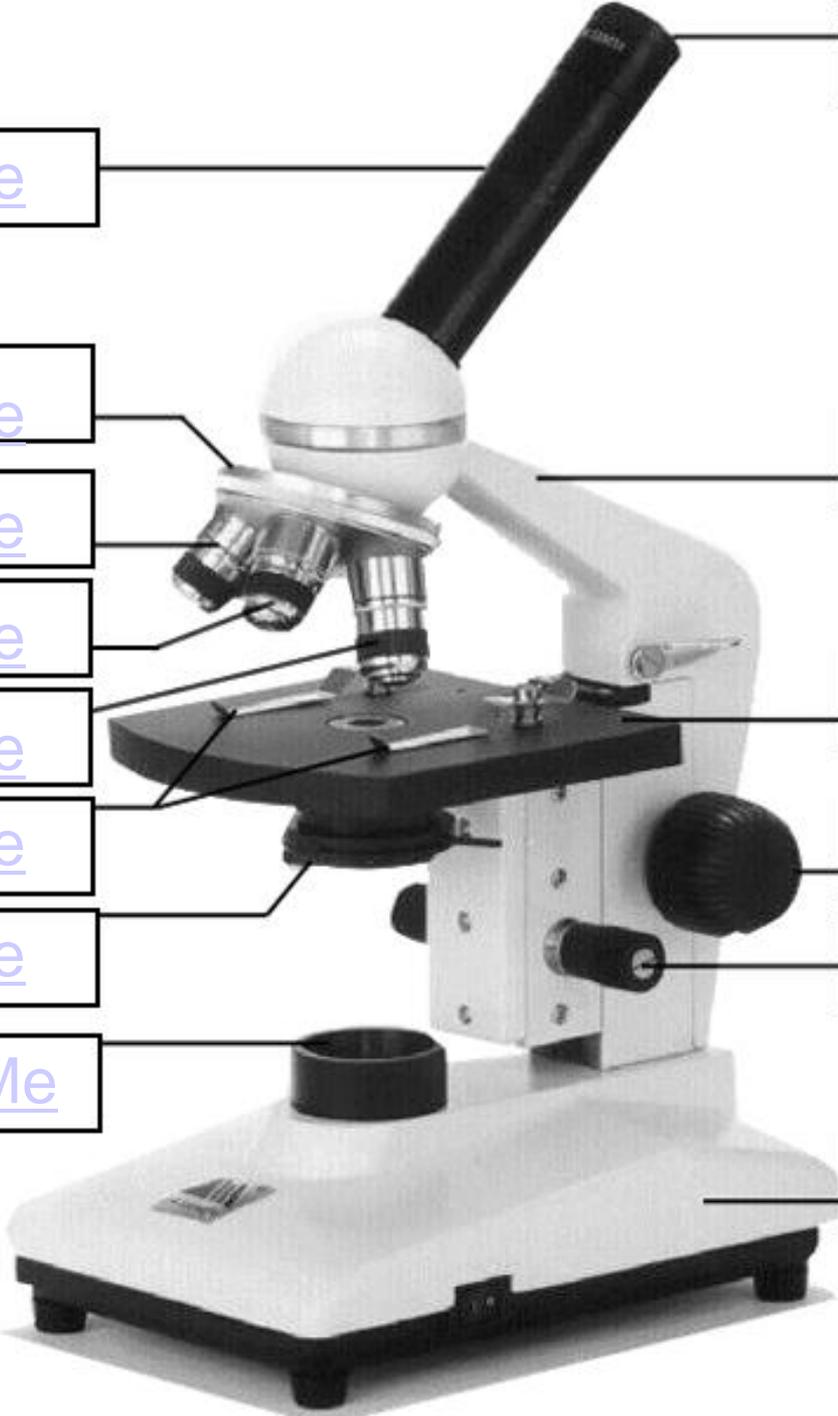
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#1 Tube – Reflects light up to the viewers eye

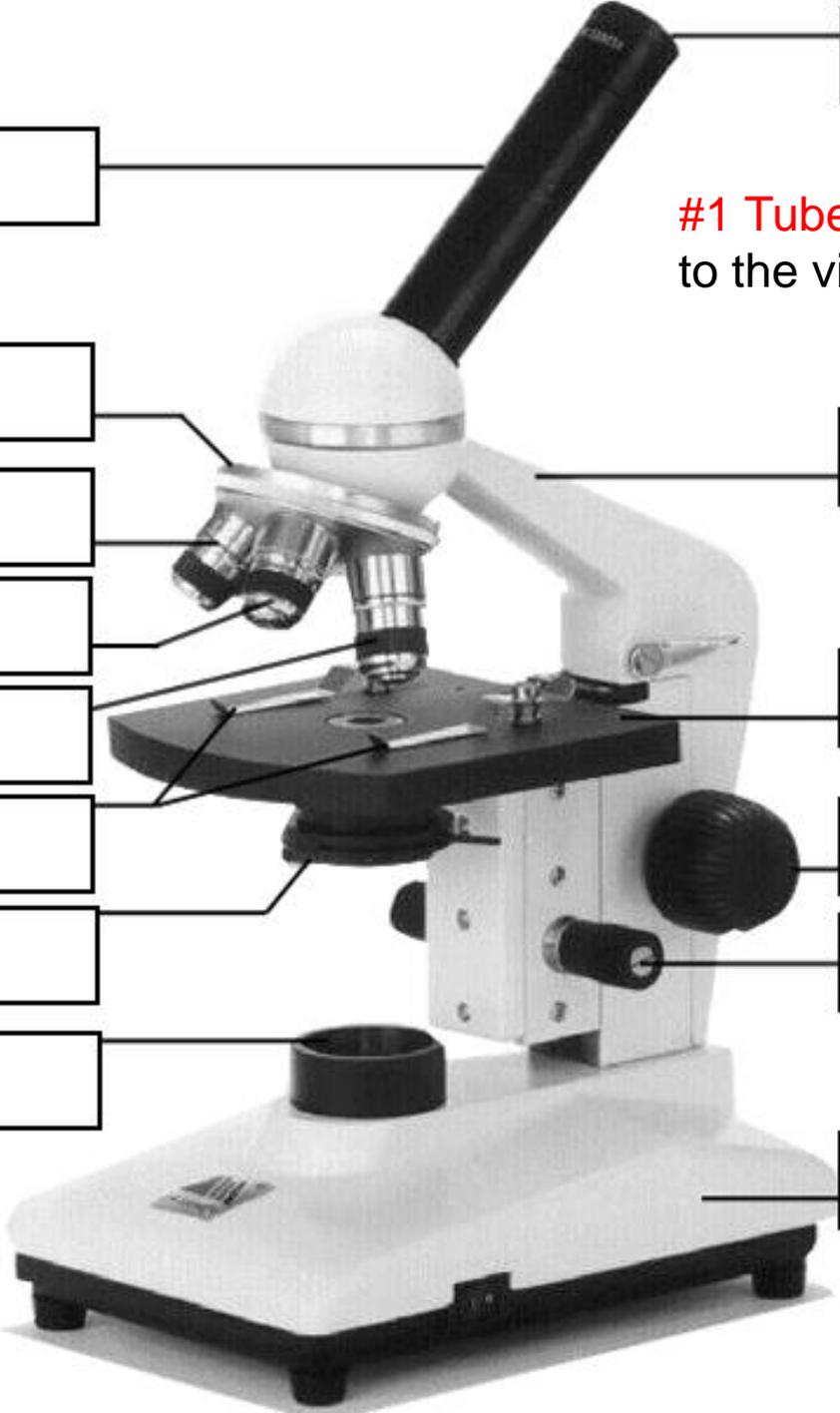
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#2 Revolving Nosepiece –  
Allows for quick change of objectives

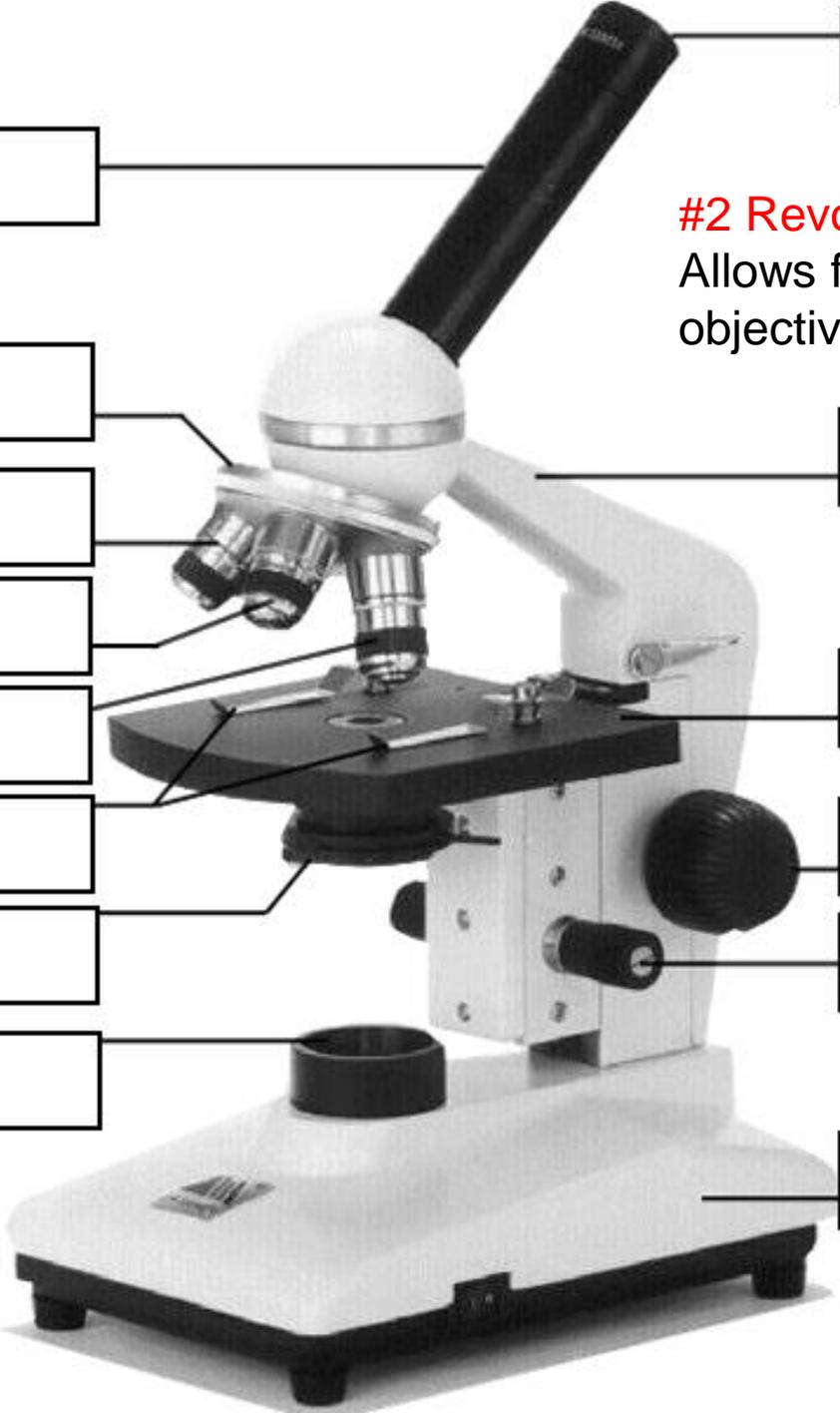
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#3 Low Power Objective –  
The first lens you use when  
doing proper microscope  
work. Usually 4 X

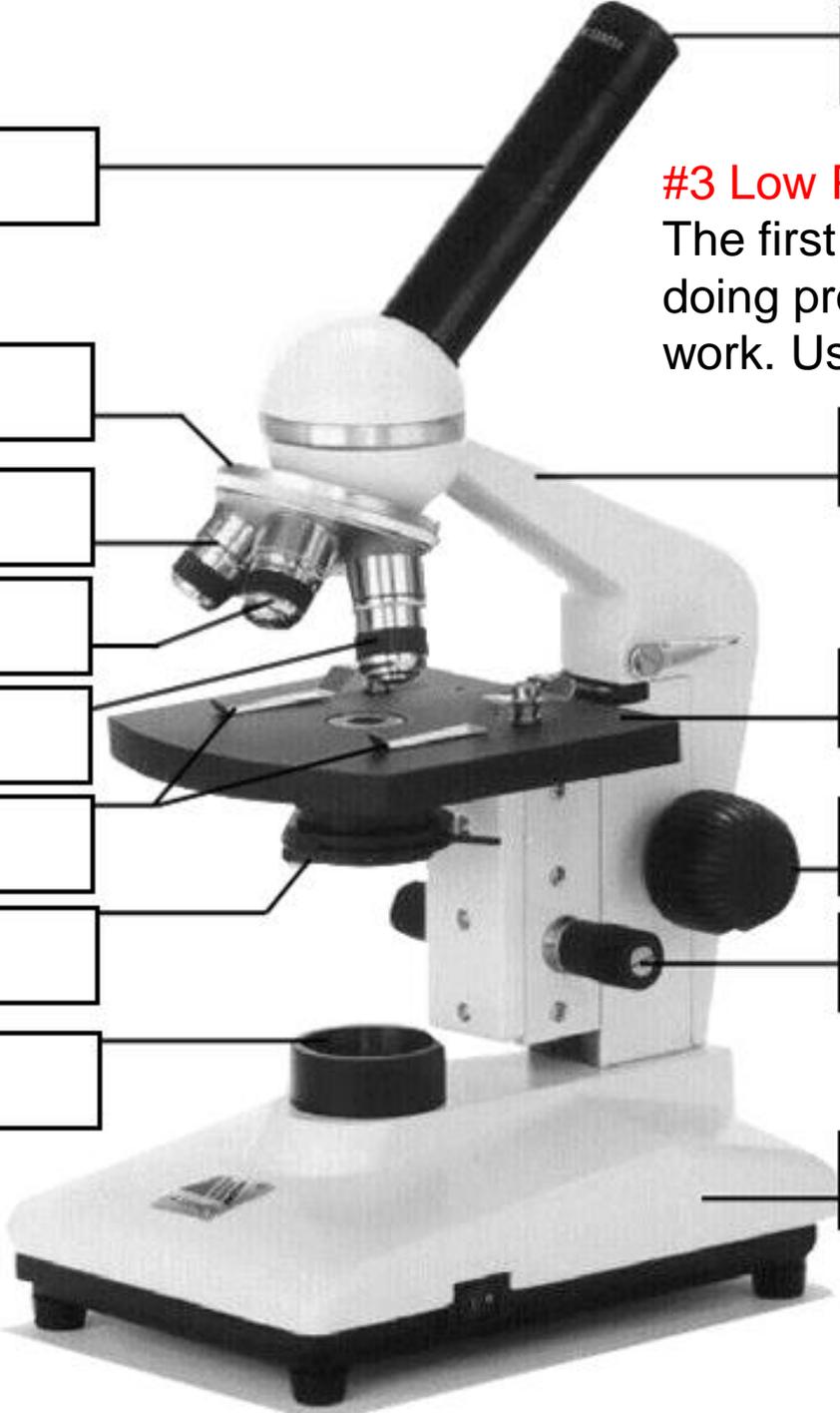
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#4 Medium Power Objective – The second lens you use when doing proper microscope work. Usually 10 X

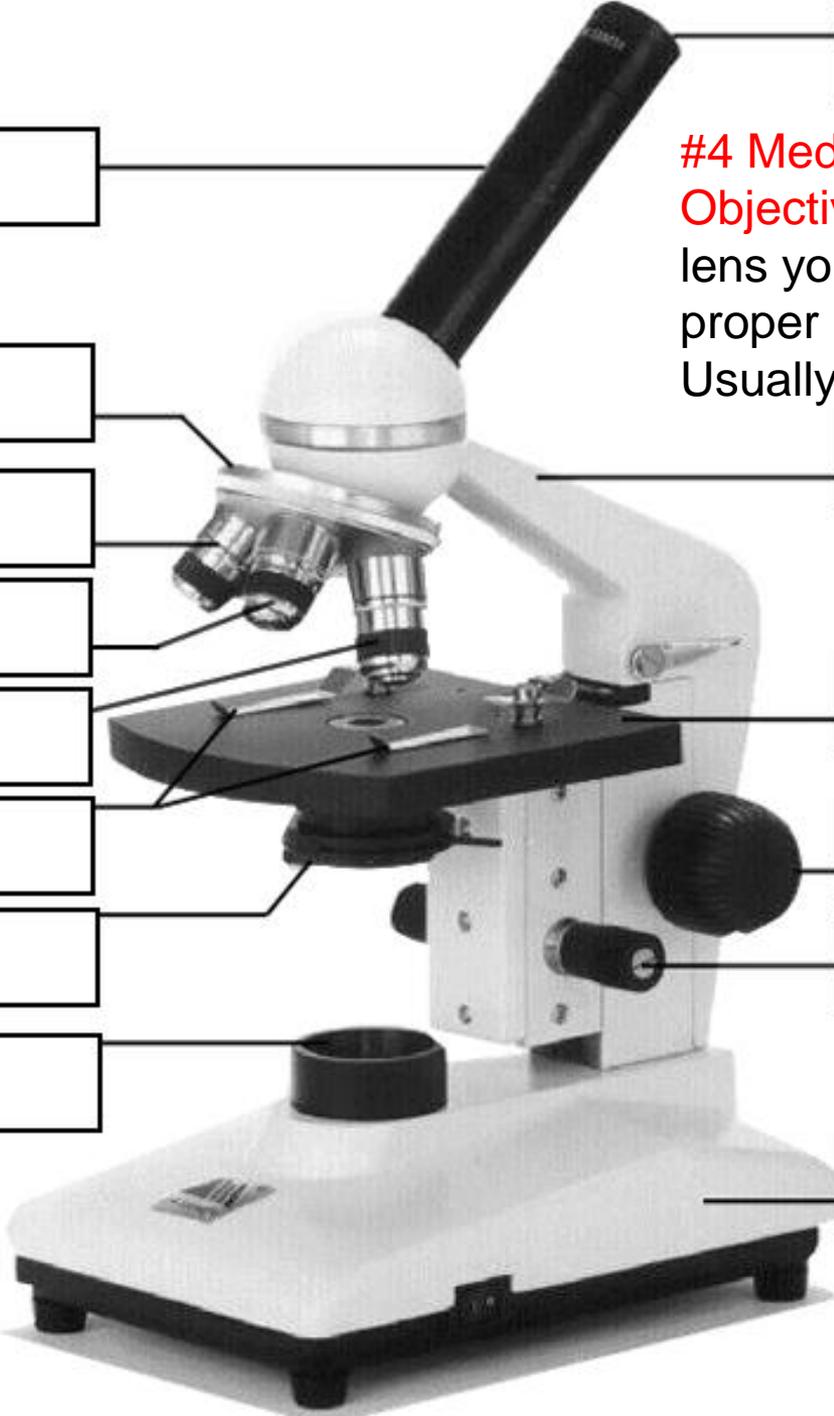
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**#5 High Power Objective** – The highest magnification used. Usually 43 X. NEVER use the course adjustment when using this lens.

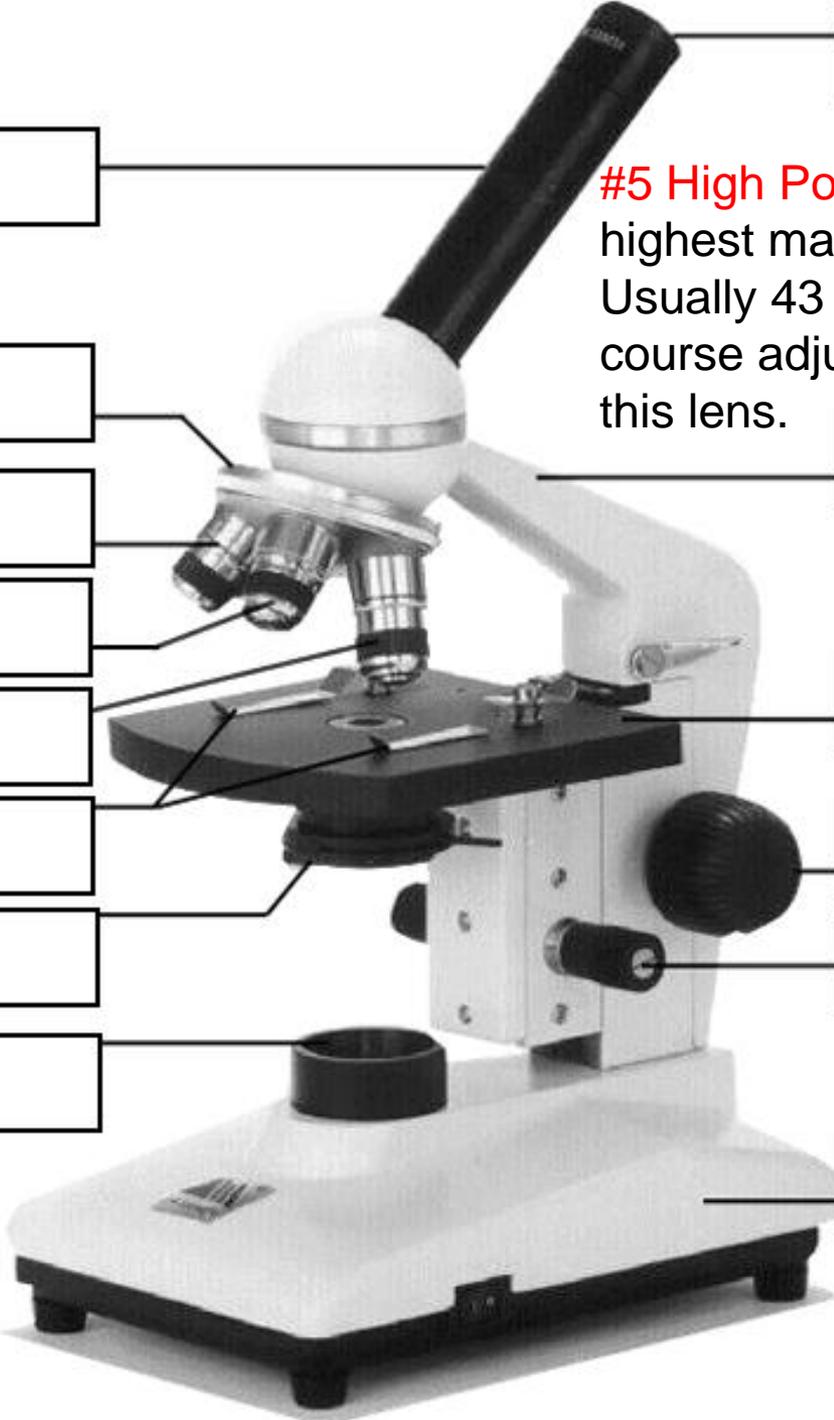
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#6 Stage Clips – Use to keep the slide in place.

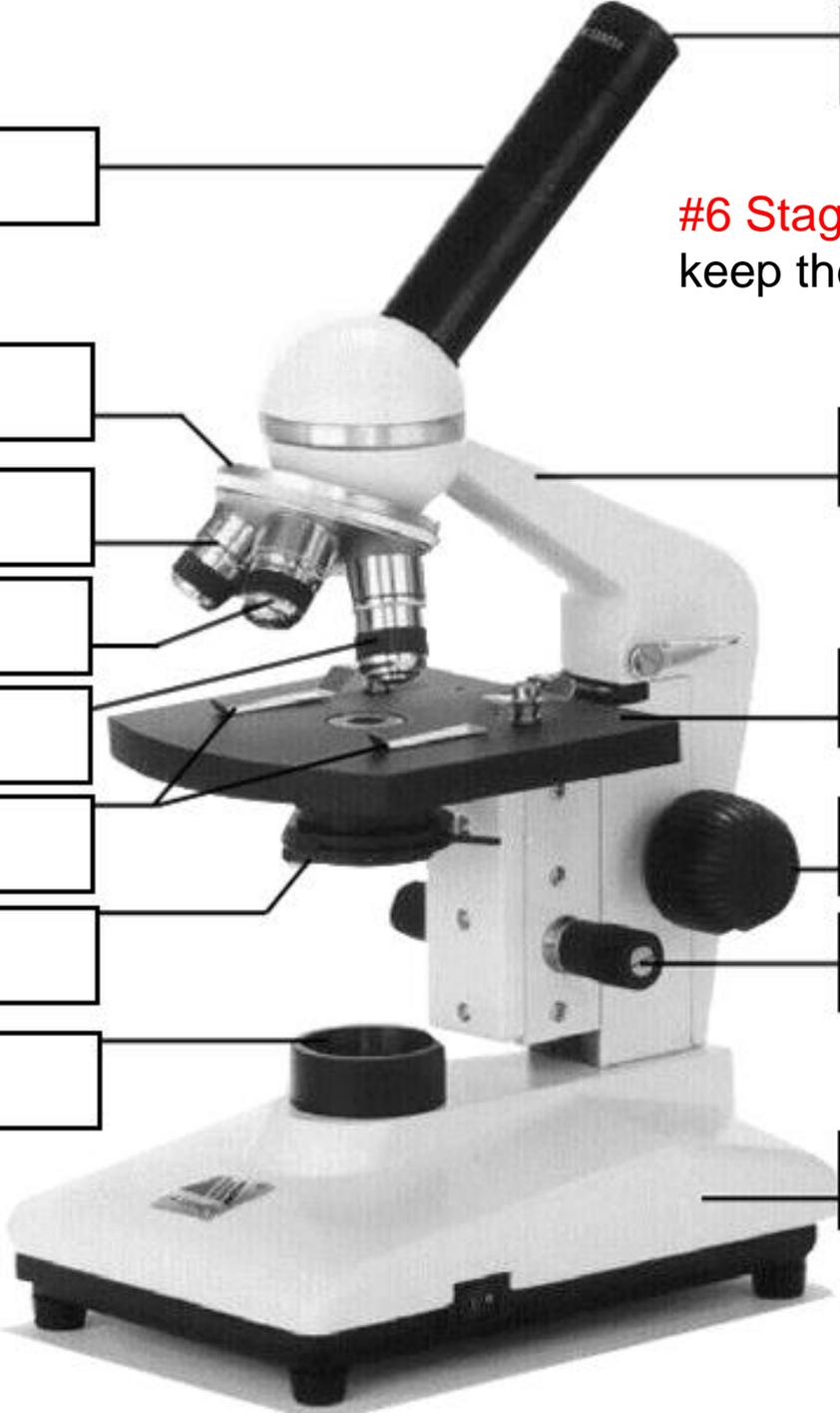
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[Main Slide](#)

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

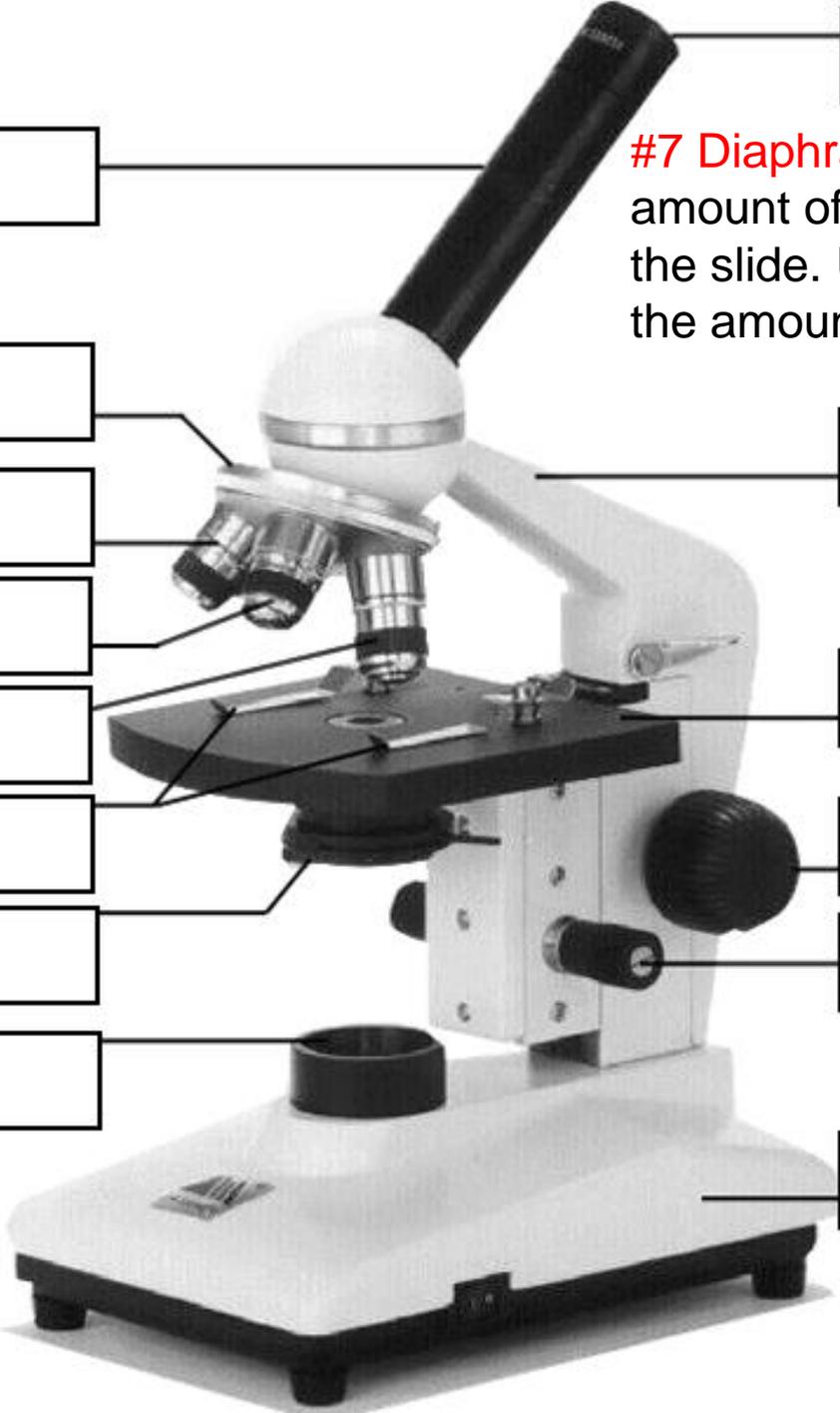
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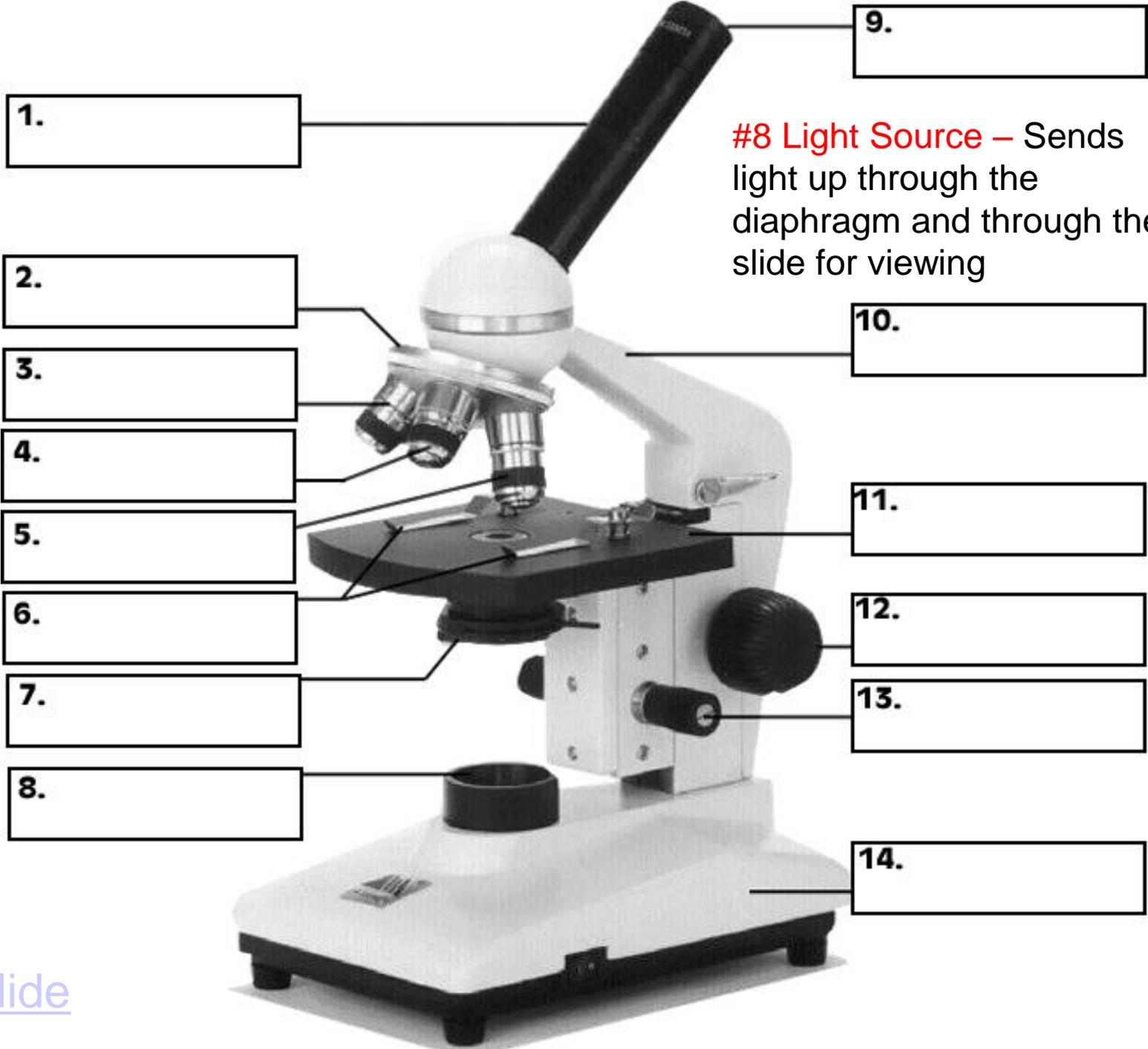
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Main Slide



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

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

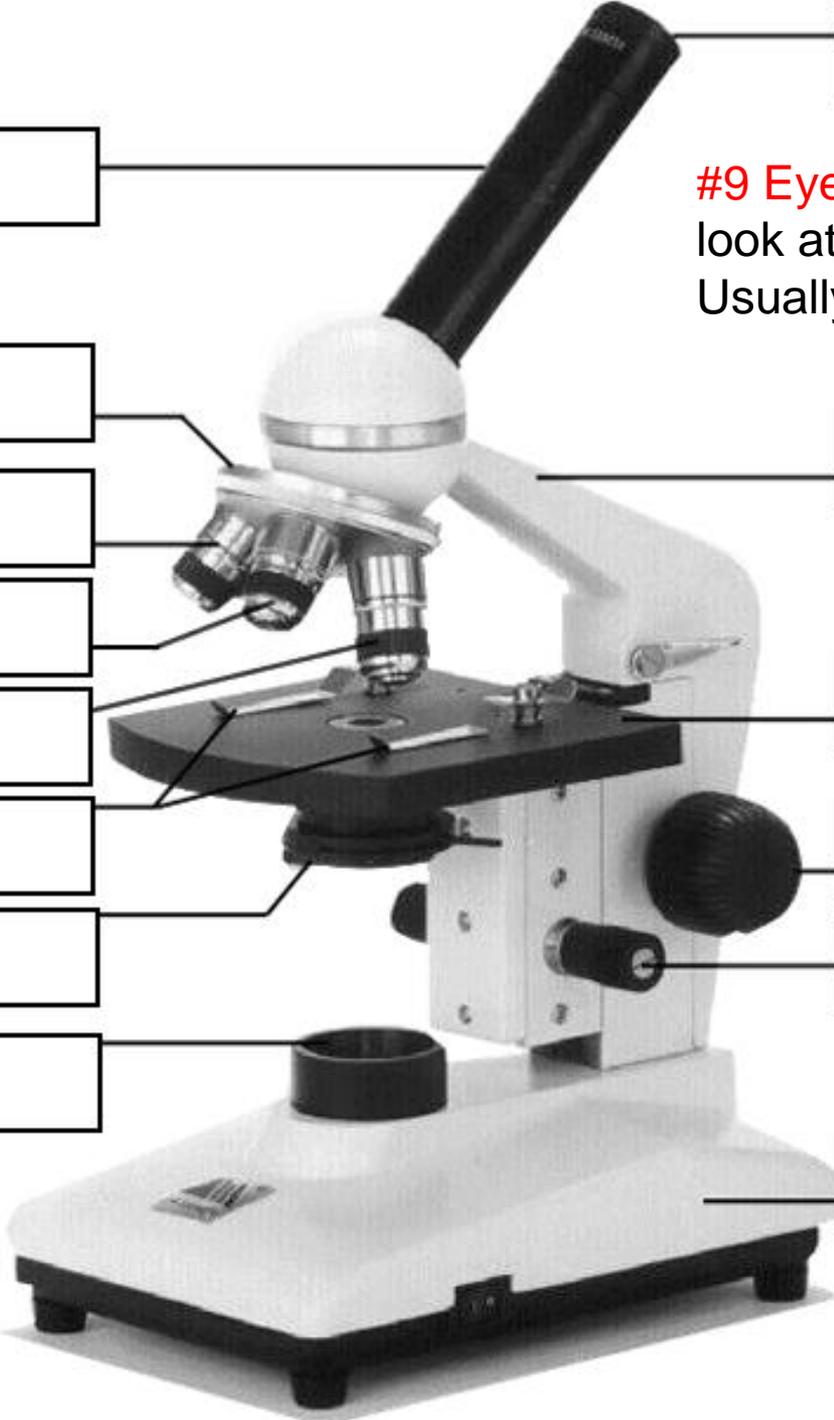
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#10 Arm – Used to safely transport microscope

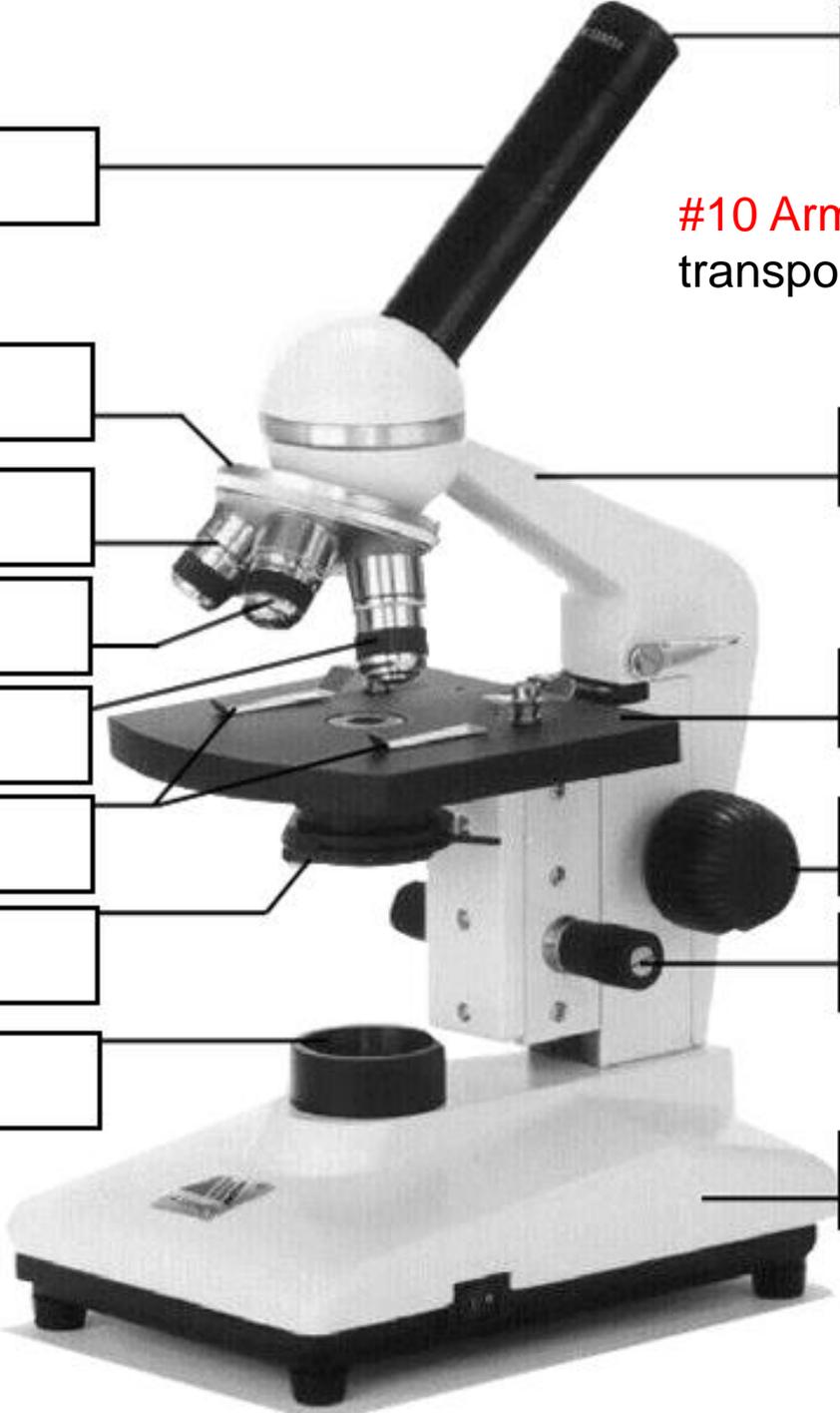
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Main Slide

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#11 Stage – Slides are placed on this

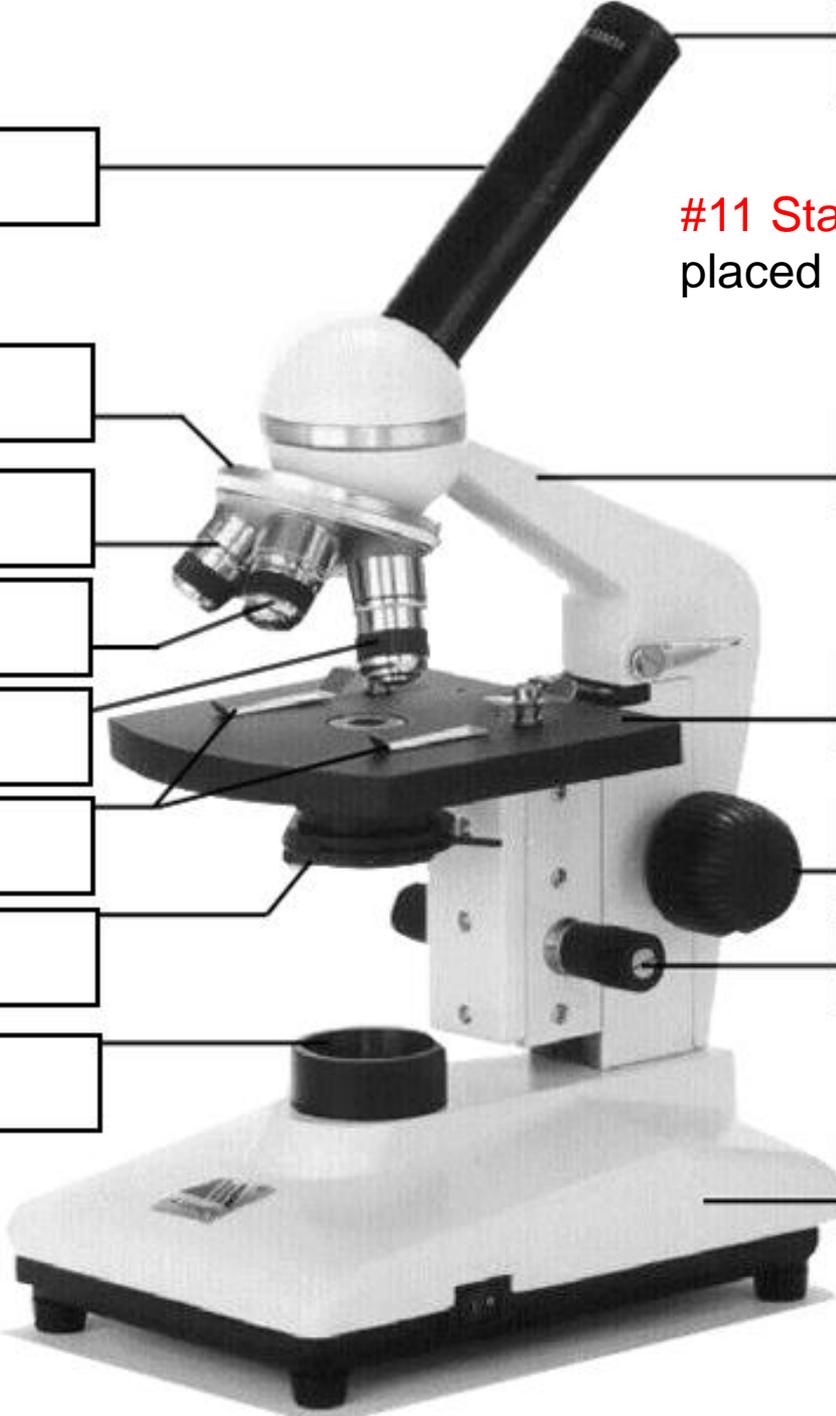
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**#12 Coarse Adjustment –**  
Used to make large changes in focus. NOTE Never use this when viewing on high power

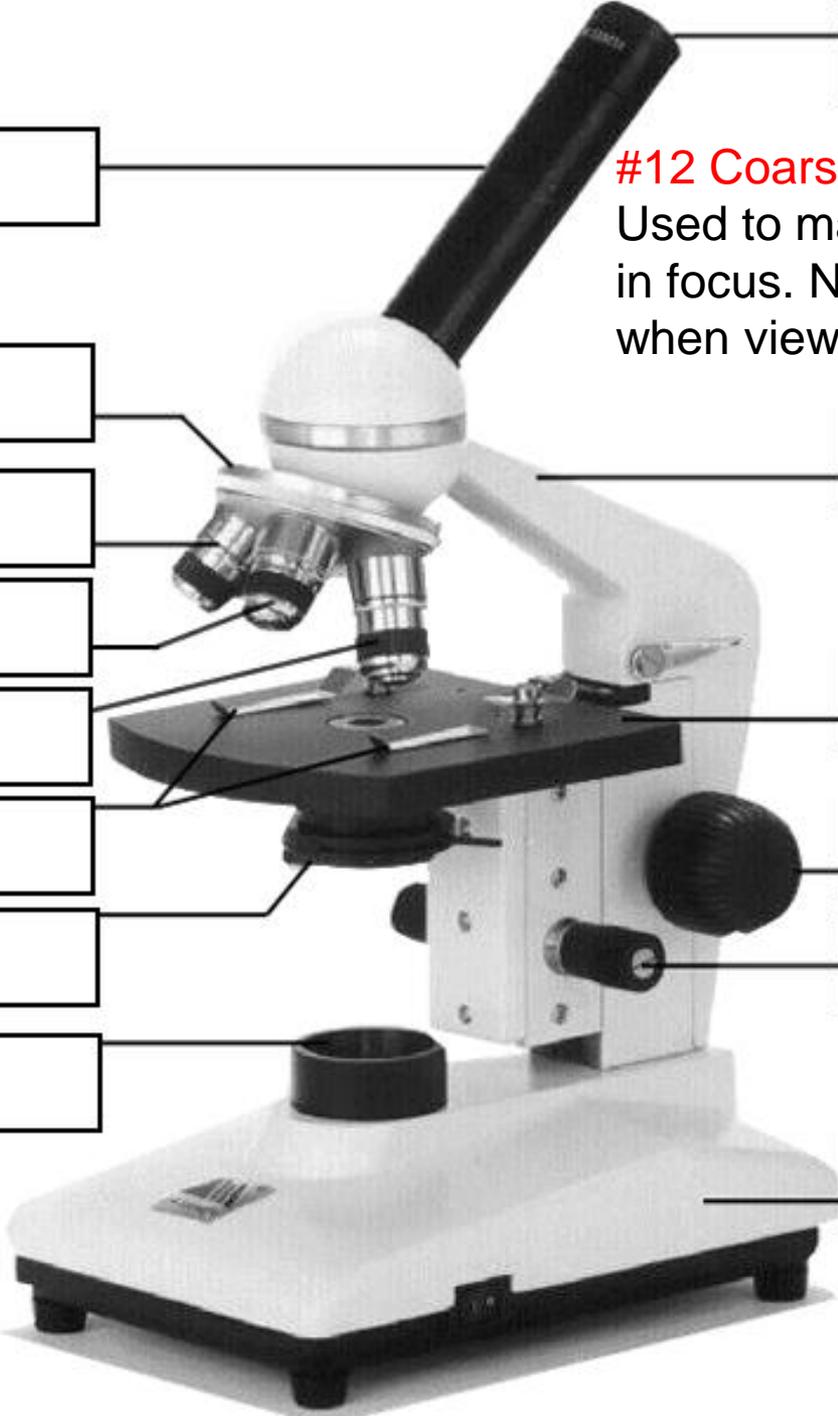
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#13 Fine Adjustment –  
Used to small adjustments  
of focus

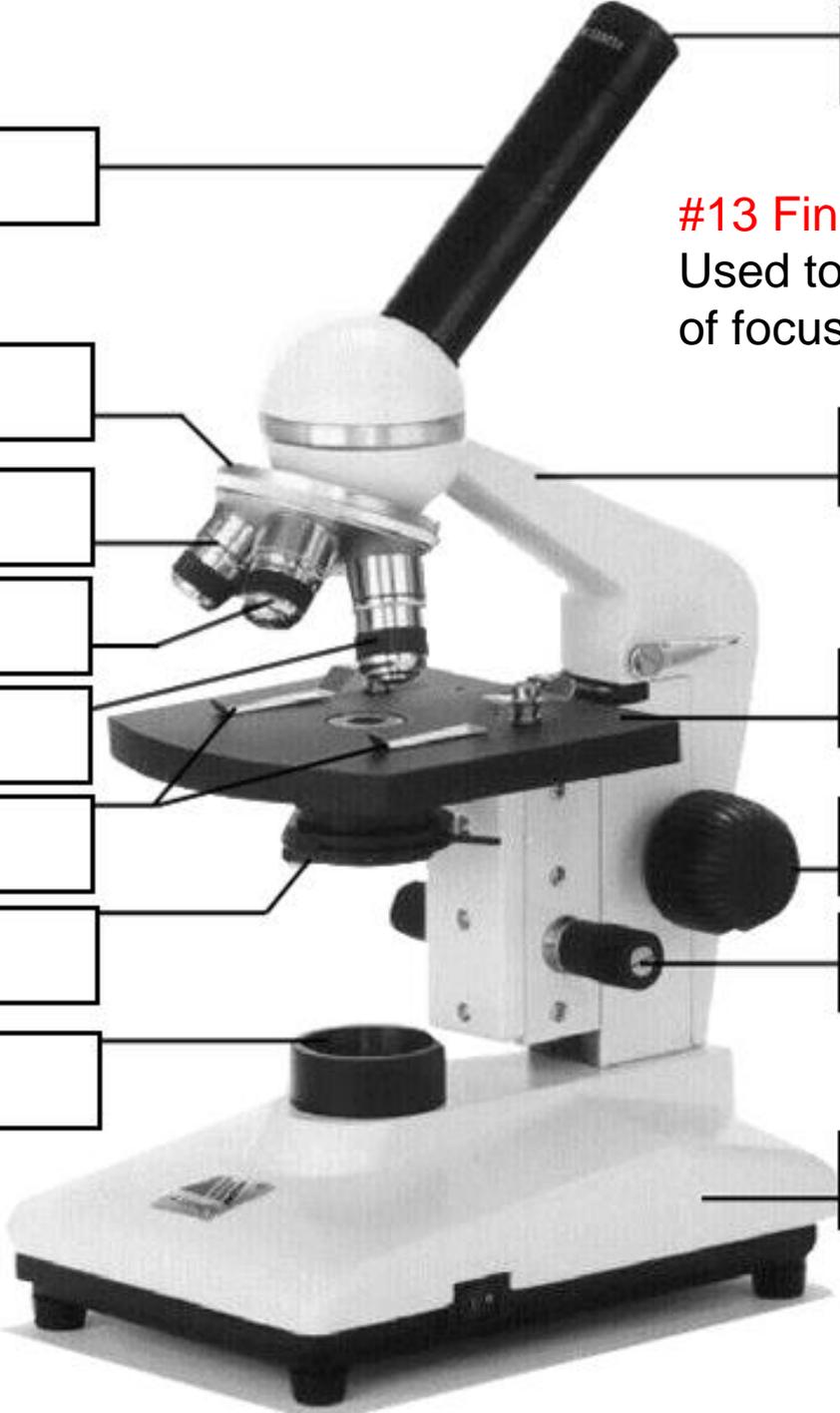
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#14 Base – Used to safely transport the microscope

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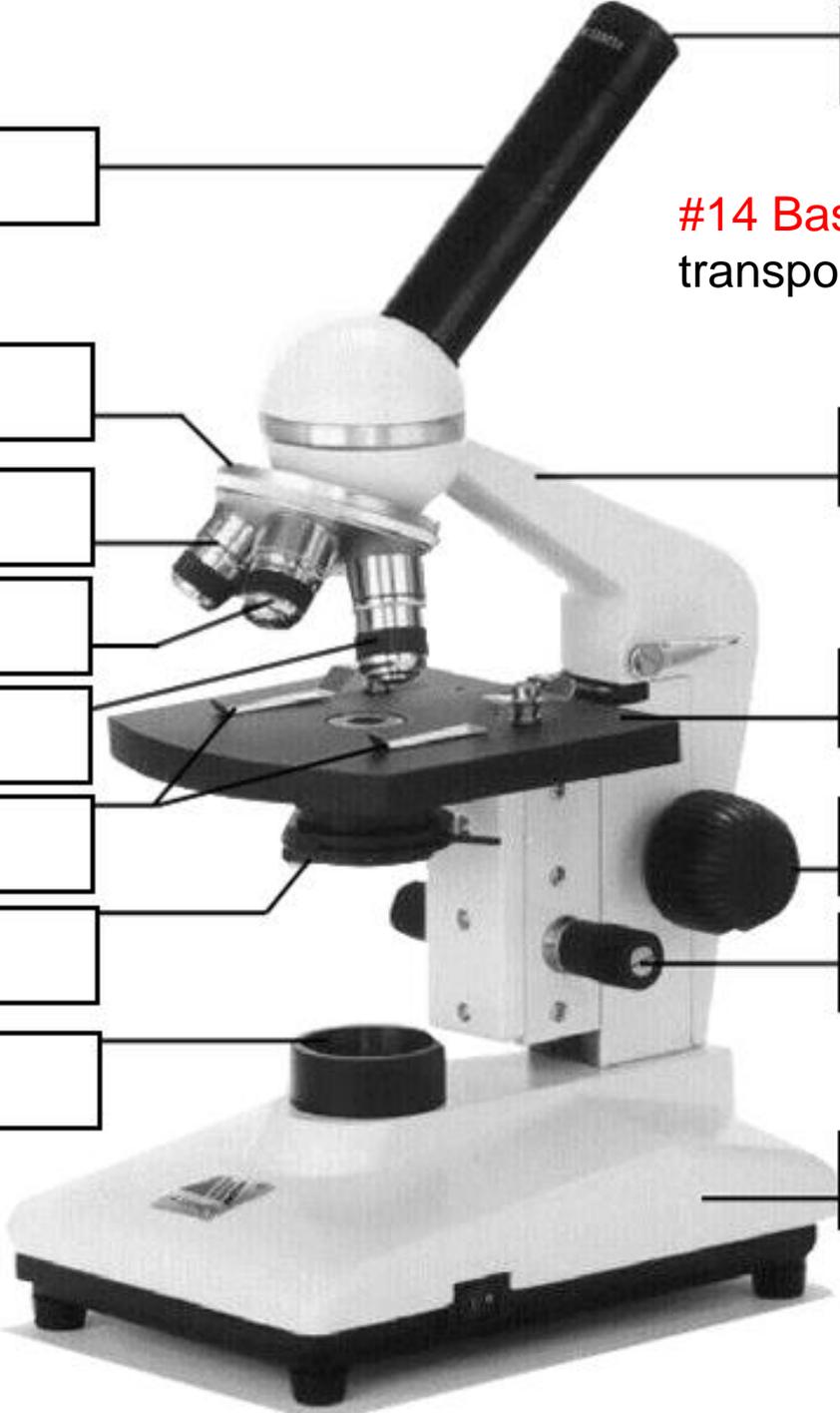
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Main Slide