

## Microscope fill in the blank exercise-

40X center coarse coarse coarse condenser fine lens tissue low power low  
power mechanical stage objective ocular other parfocal slide movement slightly  
specimen specimen specimen spring clip switch up viewing field

<http://video.lonestar.edu/media/nhscience/biolab/using.htm>

Clean the entire lens with special grit free \_\_\_\_\_ only. Plug in the cord and \_\_\_\_\_ on the light. Obtain a prepared slide and place it on the \_\_\_\_\_ anchoring it with the \_\_\_\_\_. Move the slide with the mechanical stage knobs until the \_\_\_\_\_ appears to be directly on top of the \_\_\_\_\_ in the center of the stage. Always start focusing with the scanning \_\_\_\_\_ in place. Use the \_\_\_\_\_ adjustment knob to move the stage all the way \_\_\_\_\_. Now look through the \_\_\_\_\_. Using the \_\_\_\_\_ adjustment knob, lower the stage down slowly until the \_\_\_\_\_ comes into view. Center the \_\_\_\_\_ in the field of view by turning the \_\_\_\_\_ knobs. To go to a higher magnification rotate the \_\_\_\_\_ objective in place. Again use the \_\_\_\_\_ adjustment knob to focus. You need to turn the knob only slightly to focus because the microscope is \_\_\_\_\_. This means that when objects are in focus at one magnification, they will remain in focus at \_\_\_\_\_ magnifications. Once again \_\_\_\_\_ the part of the image that you want to see in detail in the center of the \_\_\_\_\_. Finally to go to high power you rotate the nosepiece to the \_\_\_\_\_ objective. You now will focus the image by turning the \_\_\_\_\_ adjustment knob very \_\_\_\_\_ to focus. If you centered the part of the image you wanted to see in \_\_\_\_\_ you should now see the detail somewhere in the view.