

Do I Know How To Use A Microscope?

1. When carrying a microscope, where should your hands be placed?
2. You always start and end with your microscope on what objective lens?
3. How should the stage be positioned when you begin and finish with your microscope?
4. What microscope structure helps to hold your slide in place on the stage?
5. What structure raises and lowers your stage?
6. What structure brings your specimen into focus if it's blurry?
7. T or F: You should use the coarse adjustment knob when working under low, medium, and high power. Explain your answer.

How to Use a Microscope Correctly

Carrying:

Always carry a microscope with one hand on the _____, and one hand on the _____.

Storing:

When storing a microscope, check that these 4 things have been done:

1. The _____ (4x) is in the down position
2. The _____ is as low as it can go
3. The **cord** is wrapped around the microscope
4. A plastic **bag** is placed over the microscope

Viewing Slides:

Using a microscope takes time, patience, and practice! Follow these steps to using a microscope:

1. Place your slide on the **stage** with the specimen over the light hole.
2. Look through the _____ and turn the _____ until the specimen becomes clear.
3. Use the _____ to hold the slide in place once you can see your specimen.
4. If you need to sharpen your image, turn the _____ slightly.
5. When ready to magnify the image, turn the _____ so that the next **objective lens** clicks into place.
6. You should **NOT** have to turn your course adjustment knob **AGAIN!!** If you do, you **risk** cracking your slide and damaging your lens.
7. When you are done using the microscope, follow the **STORING** guidelines.