

## Lesson 1: How Do I Use a Microscope?

### BBB: Microscope Insurance

#### Purpose

Watch the video located at any one of the following addresses:

<http://goo.gl/hOU0eA>

<https://vimeo.com/87300162>

<http://www.youtube.com/watch?v=lkhkC8qk--8>



#### Your Progress:

- Mastery
- Proficient
- Developing
- Beginning

#### Questions

1. (Matching) Match these microscope parts to their function.

_____ Allows more or less light in the microscope.	A. Stage
_____ A lens on the nose that may come in different magnifications.	B. Objectives
_____ The place you put the slide.	C. Ocular Lens
_____ The part of the microscope you look through.	D. Diaphragm
_____ Holds the slide in place.	E. Stage clips

2. (Short answer) How do you focus a microscope on high power? (\*Hint: check the bottom of the screen.)

Step 1:

Step 2:

*(Continue on back)*

3. (Multiple- choice) If you turn the coarse adjustment while using the high objective, you might **(Circle all that apply.)**

- a. get the specimen on the objective lens.
- b. move the diaphragm and change the amount of light.
- c. accidentally switch the objective lens.
- d. smash the cover slip or slide.

4. (Multiple- choice) When you make a wet mount slide, you drop the cover slip on the slide

- a. with at least 8-9 drops of water between the cover slip and the slide.
- b. with the two pieces of glass parallel to each other.
- c. with the cover slip at a  $45^\circ$  angle to the slide.
- d. with the specimen above the cover slip.