

Pond Identification and Making a Wet Mount Slide

Monday, September 9, 2019 9:57 AM

You have two Canvas Assignments for Microscopy.

The first is submitting your Calibration slides (which should be done before you start this)

The second is submitting an image of a creature you found from one of the samples (A-E) in the classroom.

Here is what is required to be on your Canvas page.

Page title that matches Canvas assignment EXACTLY (I recommend you Copy and Paste)

Image(s) - 1 or more of your organism(s) with a scale bar. You need a minimum of two organisms from two different containers

Below the image should be:

Label of which container it came from (A-E)

Observations you made about the organism including which of the 6 characteristics of life you were able to observe

Identification of the organism to the best of your ability. You can use the PDF to the right or any other internet resources you find. Be sure to share them with me if you find a particularly helpful resource.

Tell me which of the [6 kingdoms](#) you think it is in and then be more specific if you can by telling me which many freshwater microscopic organisms you think you have found. Be sure to explain WHY!

More details about the kingdoms can be found [here](#).

When making slides from the sample jars:

Only use the designated pipette so we don't cross contaminate

If the container has clear water, make sure you get some of the solid particles at the bottom or one of the organisms swimming

After adding 1 drop of water to a slide, follow the procedure below to prepare the wet mount slide

The larger organisms from container B do not need a cover slip, but should ONLY be viewed under low power.



Pond Id
Guide

How To Use a Microscope

1. Make a wet mount

- Place specimen on slide
- Place one drop of water on specimen
- Hold cover slip at a 45 degree angle to the slide
- Let it fall on top of the specimen

