

Microscope Lab Report

Name _____

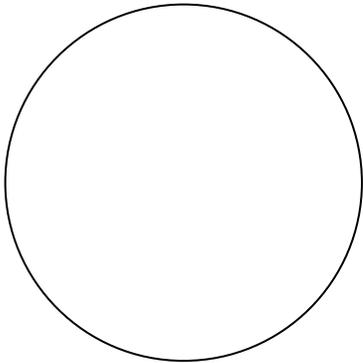
Class Period _____

Items in *italics* are worth points. Make sure you have this assignment completed in two days.

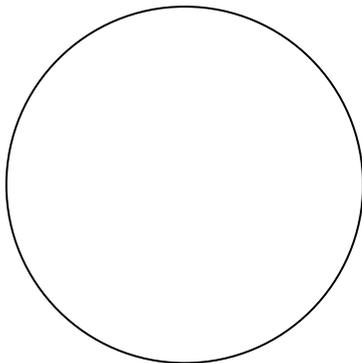
Directions:

1. Plug your microscope in.
2. Turn on power button but DO NOT look into the eyepiece. Ensure you are on the 4x magnification (red band).
3. STOP: Mr. H will talk about the diaphragm and eyepiece. You will listen.
4. *Look and identify the organism on the slide below*

5. Use course focus (BIG knob) first to find your organism on 4x magnification.
6. Then, use fine focus (small knob) to sharpen your image of the organism.
7. *Draw what you see at 4x in the space below...*

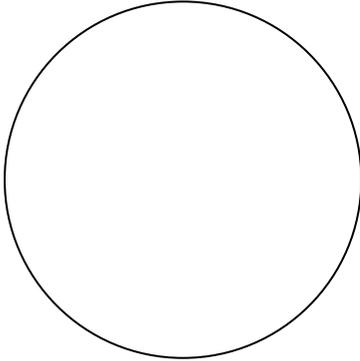


8. Then, increase magnification to 10x (yellow band). You should **only** use fine focus to sharpen your image.
9. *Draw what you see below in as much detail as possible...*



10. Then, increase magnification to 40x (Blue band). Use **only** fine focus to adjust your image.

11. Draw what you see below in as much detail as possible...



12. Clean-up

- Rotate the 4x magnification into place.
- Turn off the power button. Then unplug your microscope.
- Finally, hold your microscope like a baby and switch it with someone who is also done.
- Ensure your lab area is clean.
- Take a seat and answer the following questions (Due Wednesday)

*What do you think your organism can do? List at least one and be sure **to explain why** you think that.*

Why do we rotate the 4x magnification into place when we are done with the microscope?

Finally, look up your organism online. Tell me something interesting about this organism. Examples include where it lives, what it uses for food, and how it affects you as a larger organism. The more interesting the better :).