

Unit 6 Handout _____

Letter E Lab

Purpose: To learn how to prepare a wet mount slide; to learn how the microscope's lenses affect what we are observing.

Procedure:

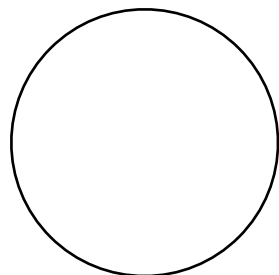
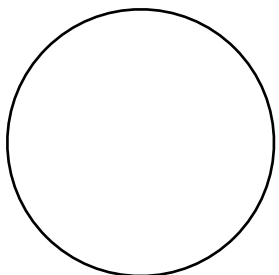
1. Setup your microscope.
2. Create a wet mount slide of the letter E as indicated on the back of this sheet.
3. Place the slide on stage such that you can read the letter "e" as it faces you.
4. Observe and draw (follow the rules!) the letter "e" on low (red) power.
 - a. Observe what happens when you push the slide to the left, right, toward, and away from you!
5. Observe and draw (follow the rules!) the letter "e" on medium (yellow) power.

Clean-up:

1. Remove the cover slip and letter "e" from the slide. Throw both away.
2. Dry the slide with a paper towel and throw the paper towel away.
3. Shut down your microscope.

Title: _____
Magnification: _____

Title: _____
Magnification: _____



Analysis and Reflection. Remember: detail is key! Full and complete sentences required.

Question 1 How did the lenses affect the appearance of the letter e?

Question 2 How did the lenses affect you moving the slide to observe the letter e?

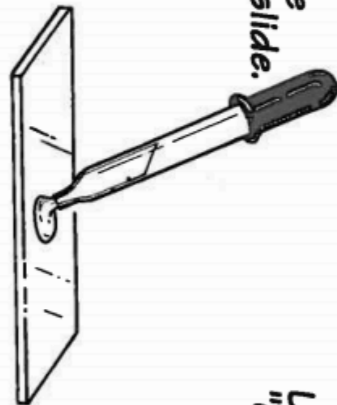
The ENORMOUS



Preparing A Wet Mount Slide

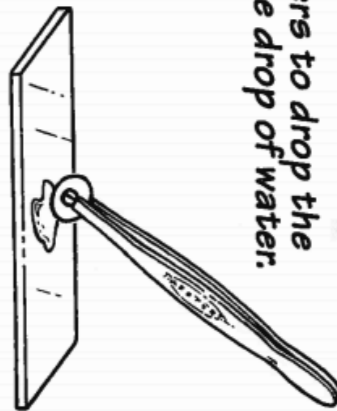
Step 1

Place water on the center of a clean slide.



Step 2

Use tweezers to drop the "e" onto the drop of water.



Step 3

Gently touch the cover slip to the edge of the drop of water then lower the cover slip to cover the "e" and the water.



Step 4



Hand Lens