

Microscope Lab

In this laboratory, you will examine a few specimens in order to learn good microscope technique.

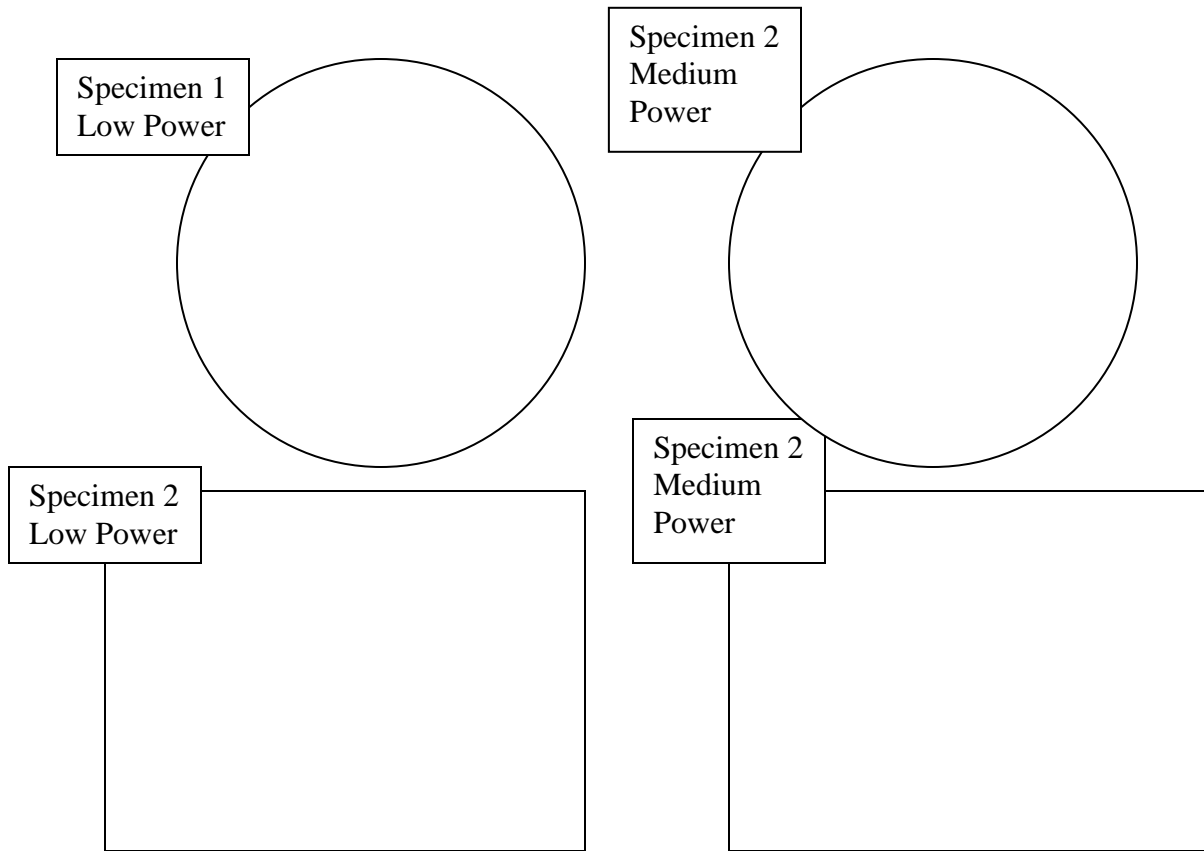
Part A: Letter 'e'

1. Cut out a small letter 'e' from a newspaper or magazine provided to you by your teacher.
2. Place the letter on a slide, and then cover it with a cover slip.
3. While you are looking at the specimen move the slide to the left across your microscope stage. Record what happens in the table below under low power.
4. What do you notice about the image of the letter? Is it right side up, upside down, and/or reversed? Record your observations under low power.
5. Draw what you observe under low power, medium power and high power. Record your observations as well.

<i>Table 1: LETTER 'E' FROM NEWSPRINT AS VIEWED UNDER THE MICROSCOPE</i>		
Objectives	Drawing	Observations
Low power		
Medium power		
High power		

Part B: Prepared Slides

6. The teacher will bring several prepared slides for you to view. Practice using the microscope under the different power objectives. Draw two of the specimens below under low power and medium power.



Questions:

1. As you viewed the specimens under low power, medium power then to high power, what changes did you notice?

2. How is the image of the specimen as seen through the microscope different than the actual appearance of the specimen?