

## Lesson 5: Focusing the Microscope

### OPENER

- ❖ What do the knobs on the side of the microscope do? Why is that important?

## Lesson 5: Focusing the Microscope

1. Try to focus on the letter e. Draw what the e looks like under the microscope, in detail.

2. Write a description of what you see, including anything unusual.

3. Write down a list of steps that you used for focusing the microscope.

## Lesson 5: Focusing the Microscope

### EXTENSION

- ❖ Try to focus on a piece of your hair. What makes this a difficult task? Draw your hair on low, medium and high power. When might it be best to use low power, and when might it be best to use high power?
- ❖ Draw the e on medium power, and then on high power. Explain how and why the image looks different.

## Lesson 5: Focusing the Microscope

### EXIT CARD

- ❖ You should always look from the side when you are switching objective lenses. Why is this important?
- ❖ When you are on the high power lens, you should only use the fine adjustment knob. Why is this important?
- ❖ Suppose you look through the microscope and you see this. What might cause you to see this through the microscope?

### HOMEWORK

- ❖ Study your microscope study guide and the procedures for focusing the microscope. (There will be a quiz on \_\_\_\_\_.)