

## Life Science 7

*(Copy the following lab activity set up in your science notebook.)*

**Title:** Activity 11B Introduction to Microscope

**Challenge Question:** What is the correct way to use a microscope?

**Background:**

Why do you think it is important for scientists to use microscopes? Give at least 3 reasons.

**Vocabulary:**

microscope - a device used to magnify small images

magnify - to enlarge an image; to make bigger

**Materials:**

*License to Learn* lab packet

"Introduction to Microscope" notes & note sheet handout

Lab data sheet

**Procedures:**

1. Read "Introduction to Microscope" notes and fill in note sheet handout.

2. Read and follow directions in lab packet.

3. Record microscope observations in lab data sheet.

**Data/Results:**

*Draw your images on your Lab Data Sheet. Label each part of your picture, including the objective.*

**Analysis Question:**

1. How does the microscope change the image you see?

2. Describe how the material(s) that you observed looked under low power as compared to medium power. What differences did you observe? How did this compare to what you saw with your eyes?

**Conclusion:** What have you learned about microscopes? Write five things that you have learned about using a microscope.