

# Lend Me A Lens!

Lesson Plan by E. Dominic Black, MA Ed.

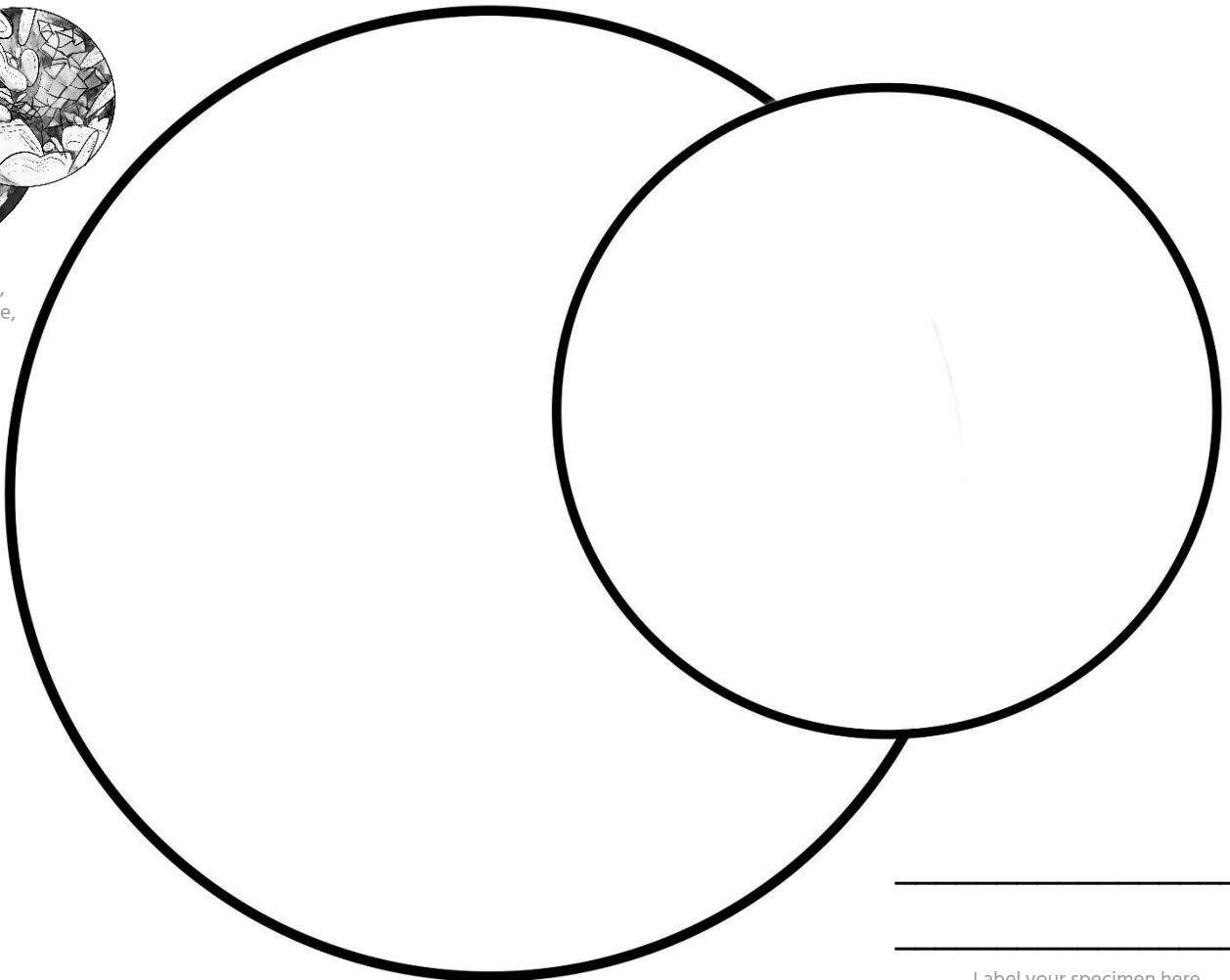
K - 12<sup>th</sup> Grade

NATURAL  
HISTORY  
MUSEUM  
LOS ANGELES COUNTY

Use this worksheet with the [corresponding lesson](#) and take a closer look at your surroundings.



Spessartine, muscovite,  
and schorl on microcline,  
NHMLA Collection



Label your specimen here

## INSTRUCTIONS:

**1. Select a specimen to investigate.** Look for something that is less than your arm's length away from you, so that you can observe it in detail. Be sure to select an item that you find personally interesting. Inspiration is everything!

**2. In the larger circle above, draw the specimen, using only your eyes for observation.** Pay special attention to the overall shape of the item and use your pencil to create light and dark areas to show the "highs and lows" of the specimen. See an example drawing next to the blank circles.

**3. Next, use a hand lens to zoom in on a portion of the same specimen.** Focus on a portion with interesting details. You may have to move the hand lens back and forth, or change your body position in order to focus the image and make it clearer.

**4. Now draw what you see through the hand lens in the smaller circle above.** Like the SEM images, you'll see how magnification shows us a "hidden world," not visible with our own eyes.

**5. Practice good science by labeling your drawing** with the specimen's name and any other important information.