

Unit 1 Handout _____

Lesson 2: Rules for Medium and High Power

Purpose: To inform you of the correct procedures for using the medium and high power lenses.

Procedure for Medium Power	
Step 1	Focus and center your specimen on low power (red, 40X).
Step 2	Place your head at eye level with the stage.
Step 3	Rotate the medium power lens into place.
Step 4	Use only the fine focus knob to observe the specimen. You may adjust the slide as necessary to re-center the specimen.
Step 5	When finished observing, rotate to red, lower the stage, and remove the slide. (Or, if next using high power, rotate to the blue lens starting at step 2 in the table below.)

Procedure for High Power	
Step 1	Focus and center your specimen on low and then medium power.
Step 2	Place your head at eye level with the stage.
Step 3	Rotate the high power lens into place. If it looks like it will hit the lens, stop and go back to medium power. Ask Mr. Ower for help.
Step 4	Use only the fine focus knob to observe the specimen. Do not move the slide on high power.
Step 5	Rotate to medium, then low power when you are done. Lower the stage and remove the slide. Never remove the slide on high or medium power!