

Unit 1 Handout _____

Microscope Focusing Practice

Purpose: To learn how to properly focus a microscope.

Instructions: Read through the procedure below. Then, once you understand how to focus, grab a slide from Mr. Ower. On the slide are 6 words of which only one is real. In order to find it, focus the slide and search!

Focusing Instructions.

1. Start with the stage lowered, the diaphragm at the lowest setting, and the red lens (low power lens) pointed toward the aperture.
2. Turn on the microscope.
3. Place the slide on the microscope so that the label is readable (right side up facing you) and the specimen is over the aperture.
4. Bring the specimen into focus using the coarse adjustment knob by fully raising the stage and then slowly lowering it. Place your eye at the eyepiece **after** you have fully raised the stage.
5. Observe your specimen.

Note: if you need to go to higher power (yellow lens), get at **eye level** with the microscope stage and rotate the lens. Then, primarily use the **fine adjustment knob** when focusing.

Slide Number	Word