

Unit | Handout |
6 | _____ |

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 set to 1, 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