

# FBOCS MICROSCOPE CHECKOUT FORM

## Microscope Instructions

- 1) Plug in the microscope and turn it on.
- 2) Rotate to the lowest power objective (The magnification lenses) till the lowest power in under the microscope (4X).
- 3) Using the course focus (the large knob) raise the stage as high as it will go.**
- 4) Place slide onto the stage.
- 5) Looking in the eye piece gently move the stage down. If you do not see anything after the first couple of revolutions, move the slide a little to make sure it is in the center of the hole in the stage.
- 6) Once the image is in focus, fine tune the focus with the fine focus (small knob).
- 7) Place the image in the very center of the view or you will loose them when you change to a higher magnification.
- 8) Take your eye off the eyepiece!** Otherwise slides and objective lenses will get broken.
- 9) Turn the objectives so that the medium power (10X) is in place.
- 10) Use ONLY the fine focus to make the image sharp.
- 11) Repeat steps 7 -10 with the highest power (40X).

Always start on the lowest magnification and work your way up.

Always change magnifications with the eye **OFF** the eyepiece.

Clean all slides, coverslips and eyedroppers and microscope when done.

If you break it, you will replace it. Individual slides can be purchased at Natures Workshop, [workshopplus.com](http://workshopplus.com) Replacement of microscope is \$300.

Both Iodine and Methylene Blue stain, so be very careful.

~~~~~

I verify that I have read and understood the microscope instructions and I am responsible for the proper care and use of the microscope. \_\_\_\_\_ Date \_\_\_\_\_