

ONLINE LIGHT MICROSCOPE

CBS Ennistymon

Mr.MacMahon

Step One: Copy and Paste or click on link to Bio Networks Virtual Microscope.

- The Virtual Microscope is an excellent tool to both online and in class learning.
- Link; <http://www.ncbionetwork.org/iet/microscope/>

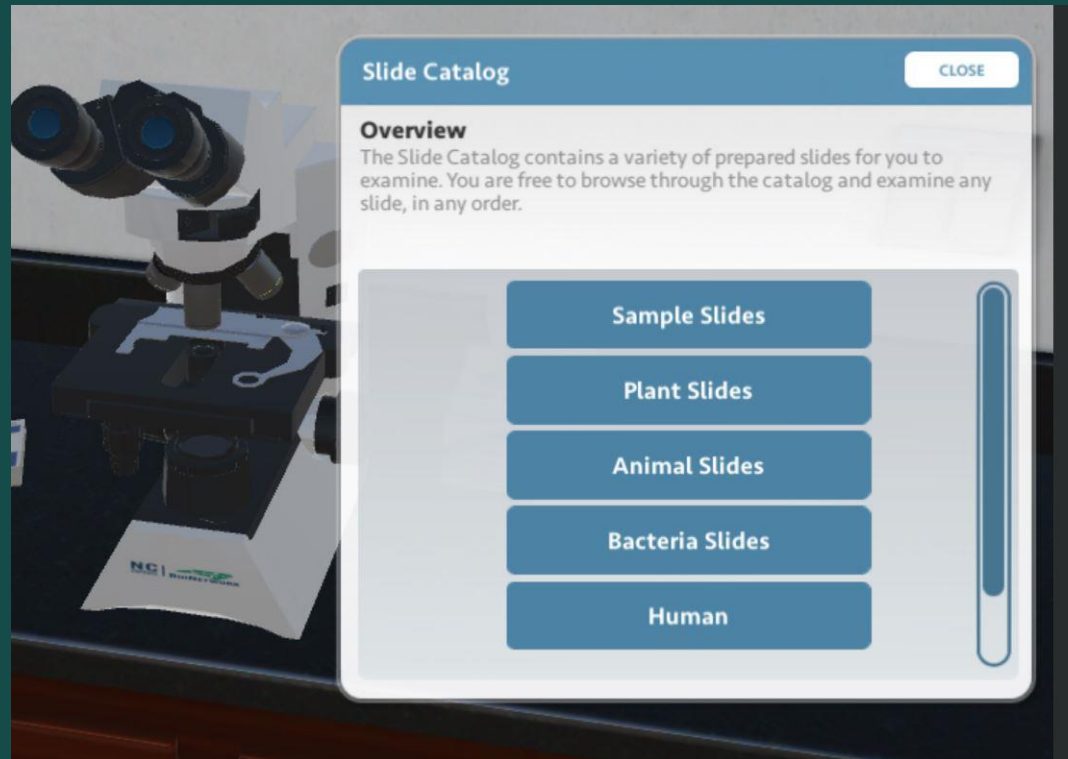
Step 2; Click Explore to use the microscope and Slides



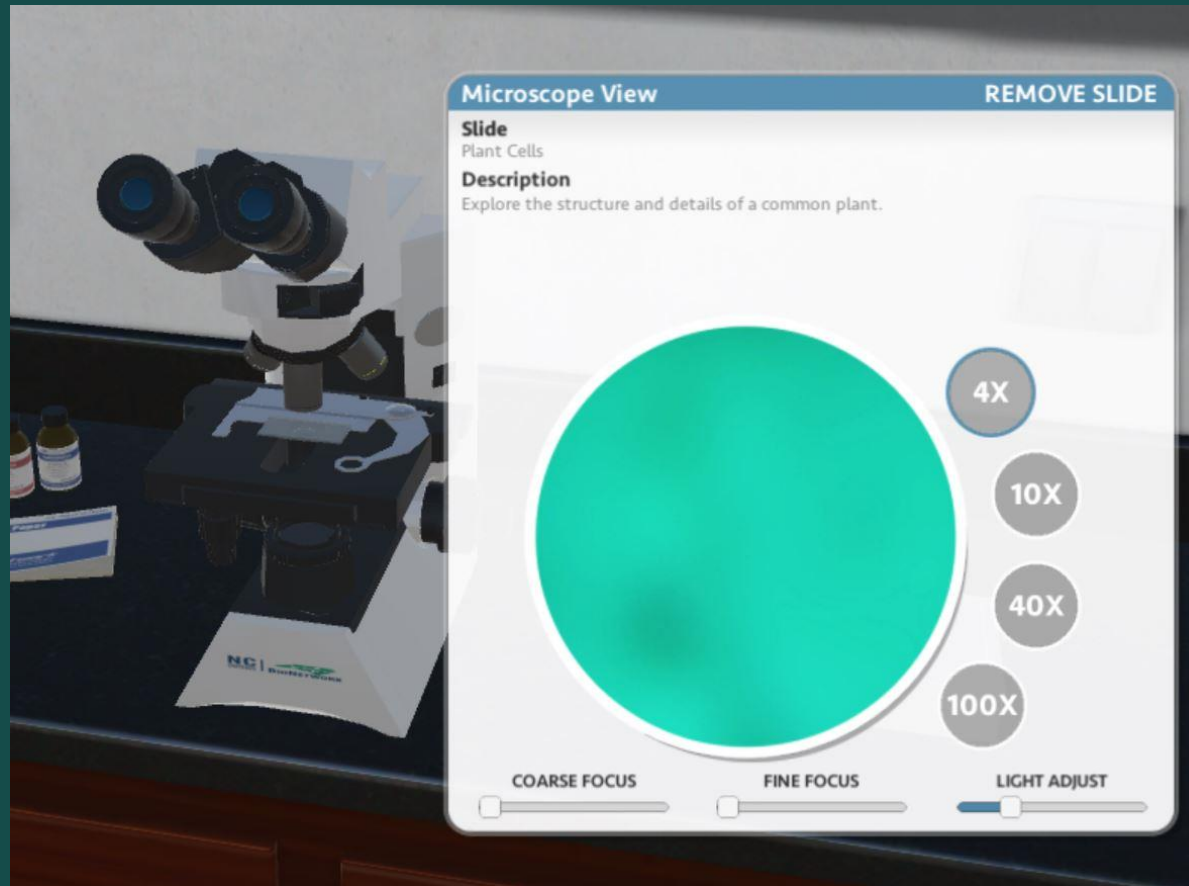
Step 3; Select the slides you would like to look at in box to the right.



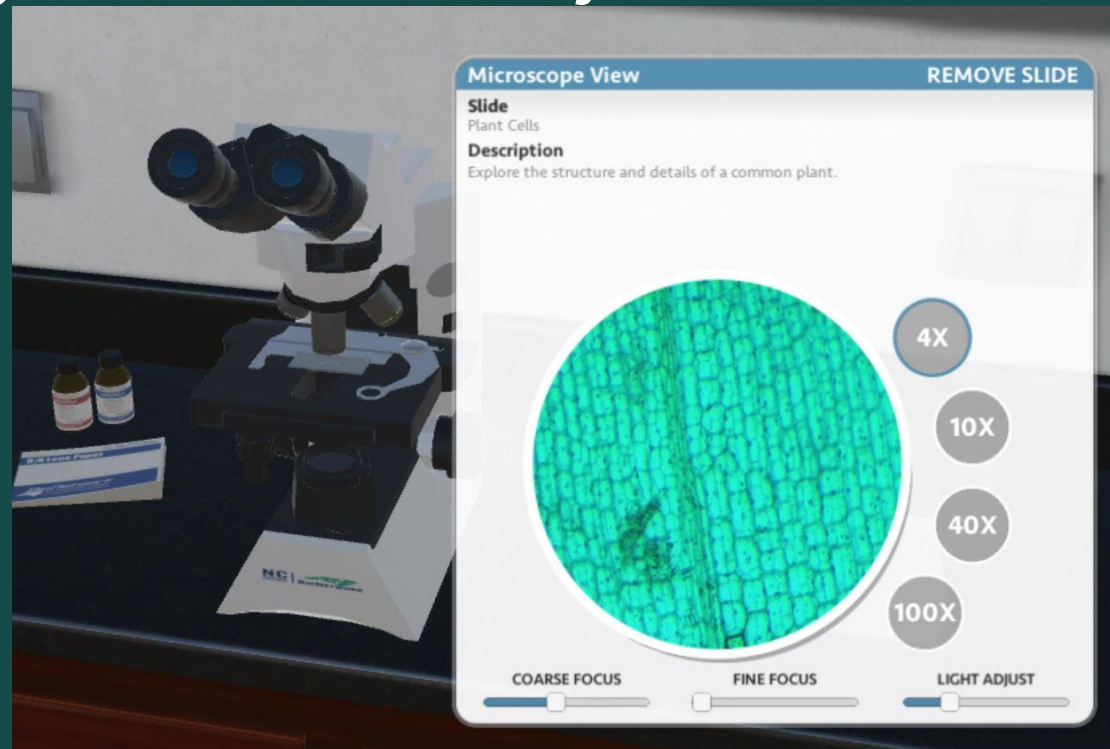
Step 4: Select the slide type you would like to use.



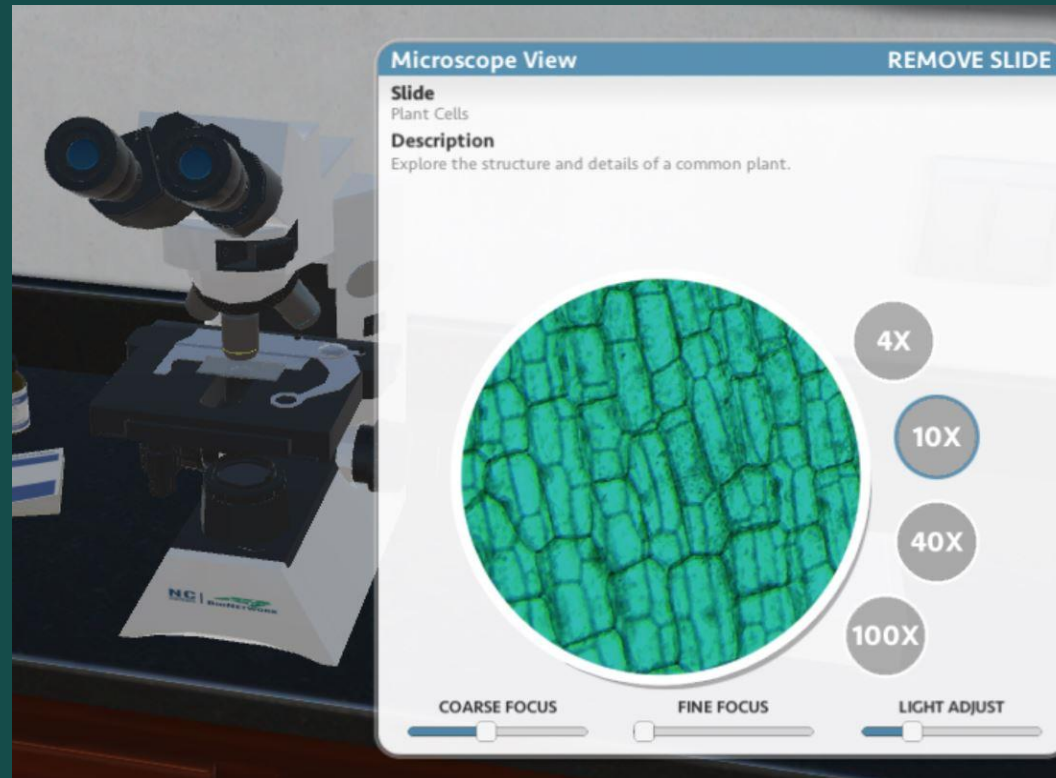
Step 5: The slide I selected is a plant slide, it will be blurry and out of focus



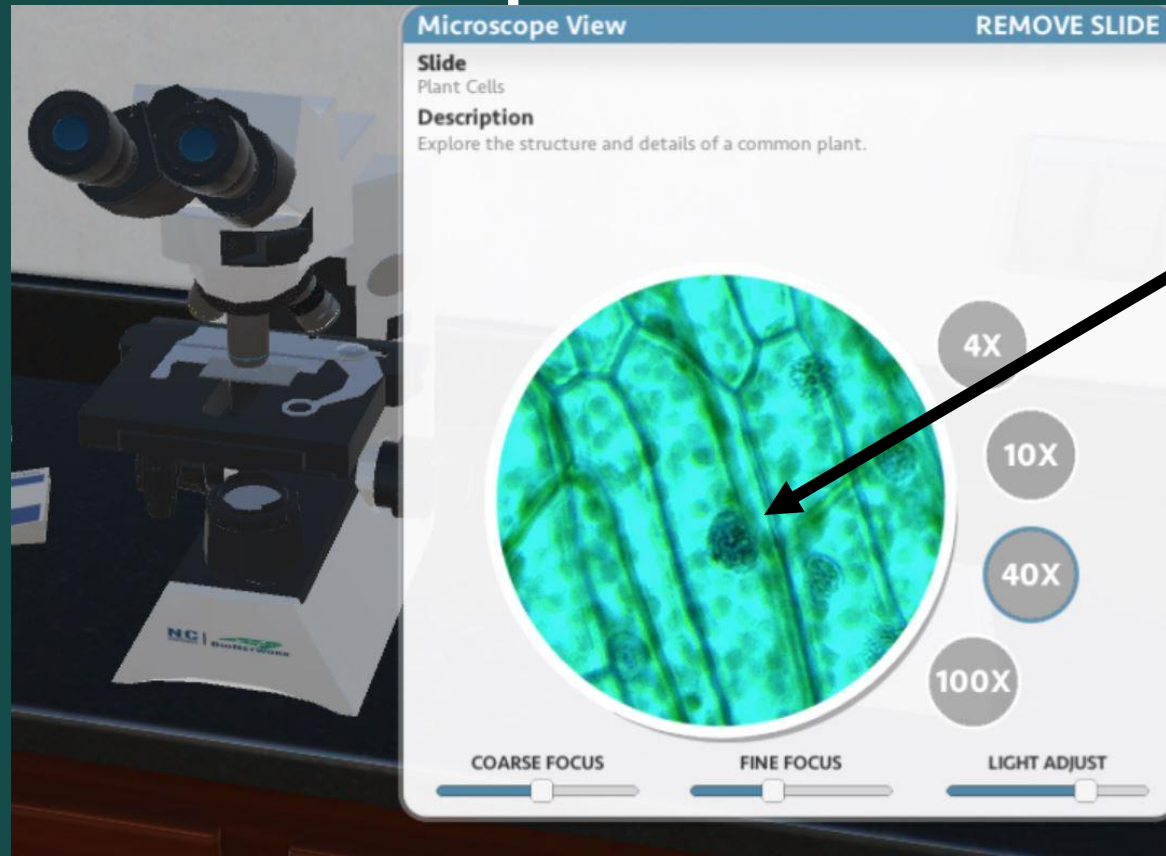
Step 6: Focus the image by adjusting the light and sliding the coarse adjustment bar 1st followed by the fine adjustment.



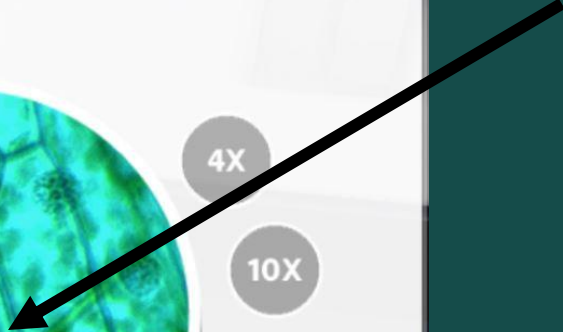
Step 7: Cell parts should become identifiable.



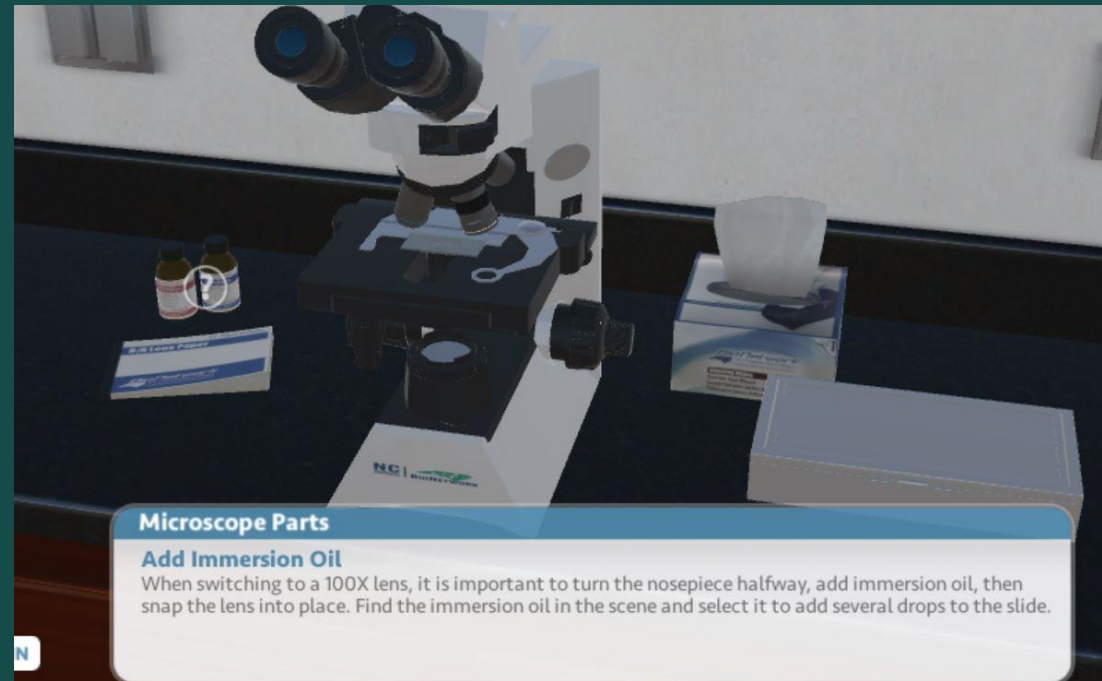
Step 8: At 40X magnification you should be able label the parts.



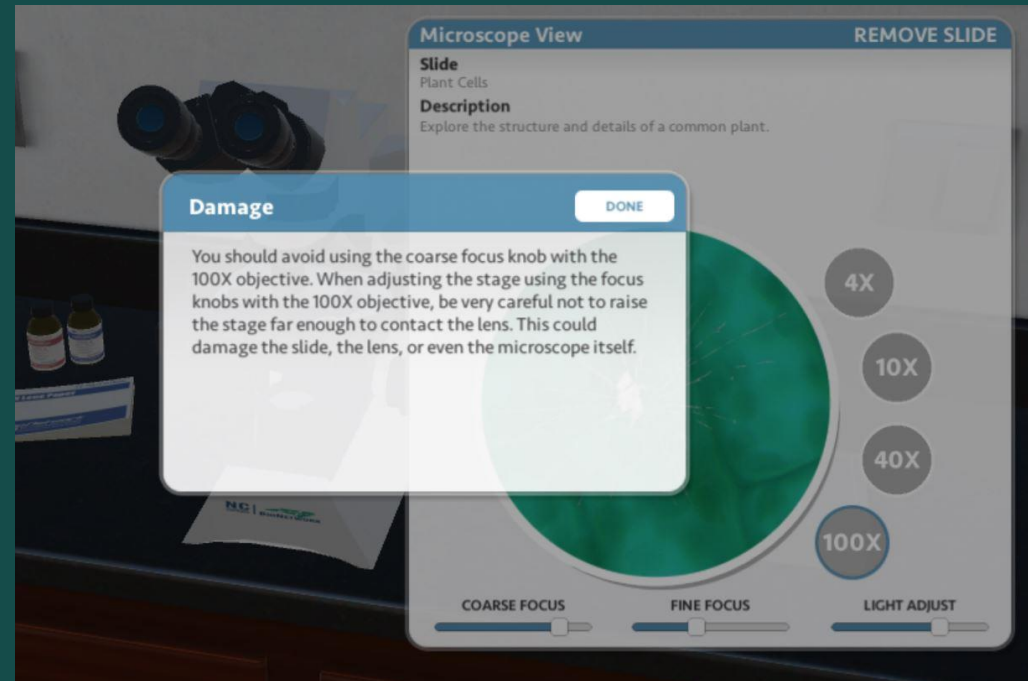
Nucleus



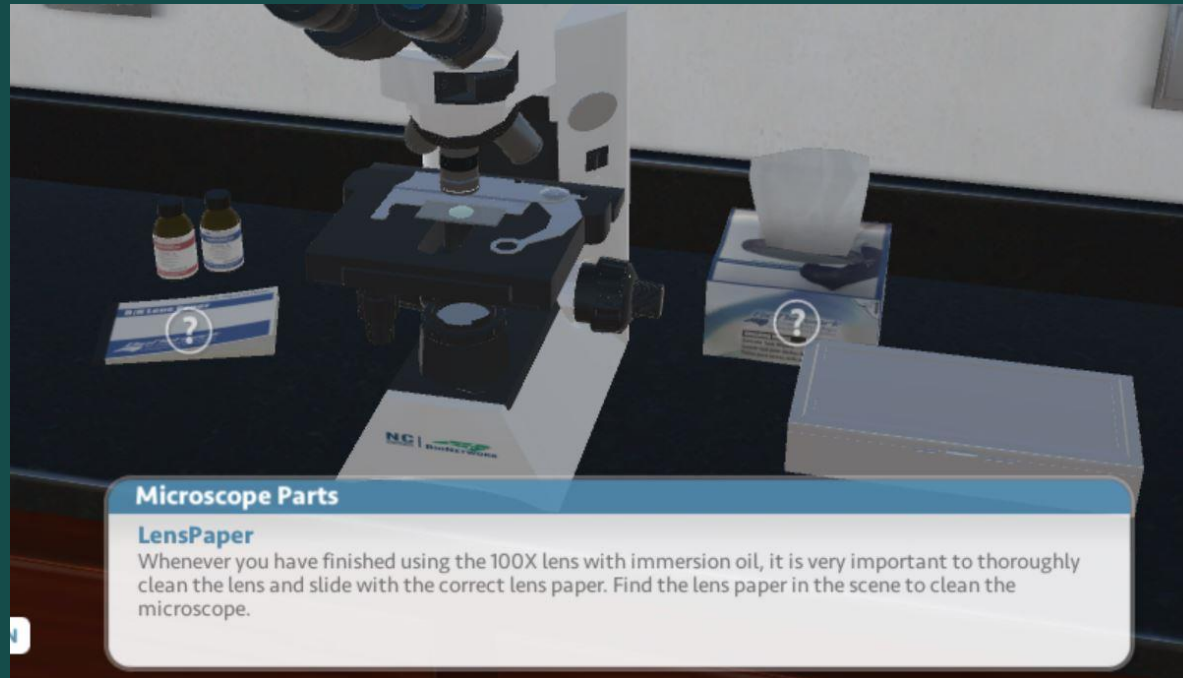
Step 9: As magnification increases stains may have to be added, on the left.



Step 10: Like slides in the lab, these are brittle, if you over adjust the coarse focus you risk breaking the glass.



Step 11: As you change slides you will have to care for the microscope.



Finally you can use different activities from the main menu to explore, learn and test yourself on the microscope and microbiology.

More info available

at; <http://www.ncbi.nlm.nih.gov/ncbionetwork.org/iet/microscope/IntroToMicroscope.pdf>

