

## Biology 3A Laboratory Lab 3: Microscopes and Cells

### OBJECTIVE

- To learn the proper use and care of compound microscopes.
- To learn staining techniques used in microscopy.
- Prepare a wet mount, determine the magnification and size of the field of view, and determine



magnification of the lenses in a light microscope?

ing power?

view?

ger field of view – a high power objective or a low power one?

d focus on an object in the middle of a microscope slide.

to look at this object under higher power?

1. How do you determine the total m

2. What is meant by the term resoluti

3. What is meant by the term field of

4. What objective lens gives you a la

5. Describe how you would locate an

What steps would you take