



Science Interactive curriculum provides general instructions for compound light microscopy and references student microscopes and prepared slides. If directed by your instructor, the SI V-scope should be used in place of all references to a student microscope. V-Scope slide titles match the titles referenced in all lessons. These rules should be followed for accessing and using the V-Scope in all labs:

- The link to the V-Scope is provided in the lab procedure protocol. Use this tool whenever a **microscope** is called for in the procedures of a lesson.
- The download image function should be used when **taking microscope photos** is referenced in a lesson.
- Examples of **student created slides** are located in the V-Scope library. View and upload these images when the procedures in a lesson call for viewing student created slides.
- Take a screen shot of the **left half** of the V-Scope screen if asked to submit a photo of your microscope.
- The ocular lens of the V-Scope is 15x. Multiply the objective lens selected on the V-Scope by 15 if required to state the **total magnification** of an image in the procedures. For example, an image viewed with the 40x objective lens would be reported as 600x total magnification.
- To calibrate the **field of view** for the V-Scope, view the “field of view” slide with the 4x objective. Each mark on the micrometer scale equals 0.01 mm. Use the instructions in the lab manual for determining the field of view for the 10x and 40x objectives.
- The V-Scope does not contain an **oil immersion lens**. If a lesson calls for viewing a slide with an oil immersion lens, simply view the slide with the 40x objective.