

Required Materials for Biology Lab:

1. Microscope: (if you order from somewhere else, please make sure your microscope has at least 40X, 100X, and 400X/800X magnification and a stage stopper):

- ALTERNATIVE 1: <https://www.amscope.com/student-microscopes/high-school-9-12/40x-2500x-advanced-home-school-compound-microscope.html>
- ALTERNATIVE 2: <https://www.amscope.com/student-microscopes/high-school-9-12/40x-800x-student-compound-microscope-led-cordless.htm>

2. Slides and coverslips, Methylene Blue, dropper:

- https://www.homesciencetools.com/product/microscope-slide-making-kit/?gclid=CjwKCAjwgdX4BRB_EiwAg8O8HURYjtH3o5CAjPwoqI7rXMBjCqrDXGS M3zYJ4Cdy-3ITFu3CqJdZ1xoC844QAvD_BwE

3. Iodine Solution:

- <https://www.homesciencetools.com/product/iodine-solution-30ml/>

4. Cork (this or from a bottle):

- <https://www.homesciencetools.com/product/cork-no-9/>

5. Safety Goggles:

<https://www.homesciencetools.com/product/chemical-safety-goggles-anti-fog-adult/>

6. Gloves (make sure you order the correct SIZE for your student, S or M are common sizes for high schoolers):

<https://www.homesciencetools.com/product/gloves-nitrile-size-small-50-pairs/>

7. Forceps:

<https://www.homesciencetools.com/product/forceps-plastic/>

8. Scalpel (you might also be able to just use a small sharp knife):

<https://www.homesciencetools.com/product/one-piece-scalpel/>

9. Onion Root Tip Slide:

<https://www.homesciencetools.com/product/allium-onion-root-tip-slide-1s/>

In addition, these materials are during the course, but can be found at a regular store: (I will email ahead of lab):

Onion, Potato, Squash, Mushroom, Frozen Corn, Peanut, Celery Toothpicks Cotton Swabs Yeast
Sugar Blue and Red Food Coloring Picked leaves from outside

Required materials at home:

- A wide ruled notebook to write notes during class and for homework
- Pencils, eraser, colored pencils