

Biology Supplies List 2025-2026

HIGHLY RECOMMENDED KITS (Used Multiple Times)

Microscope Kit - \$155

Purchase from:

<https://amscope.com/collections/value-bundles/products/m150c-sp14-cls-50p100s-wm>

Includes: 40-1000X microscope, slides, coverslips, pipets, stains, tweezers

Advanced Dissection Kit - \$59.15

Purchase from: <https://www.homesciencetools.com/product/advanced-dissection-kit/>

Includes: Earthworm, crayfish, fresh fish specimens, plus full dissection tools

SUPPLIES BY LAB

Lab 1: Microscope Use (Week 1)

- **Microscope Kit** (see above)
- Magazine with lowercase "e"
- Cotton

Lab 2: Diffusion and Catalysts (Week 2)

*Watch lab virtually through zoom class

Lab 3: Cytology (Week 3)

- 1 white or yellow onion
- 2 flat toothpicks
- Sharp knife
- **Microscope Kit** (from Lab 1)

Lab 4: Photosynthesis + Fermentation (Week 4)

*Watch lab virtually through zoom class

Lab 5: Protein Synthesis (Week 5)

- 5 different colors of gumdrops or colored marshmallows (at least 4 of each color)
- 1 box toothpicks
- 4 orange slices or large candies
- 4 small marshmallows or fruit snacks
- 1 strip of foam or sturdy material for toothpick to stand up in

Lab 6: Mitosis (Week 6)

- **Microscope** (from Lab 1)
- **Onion root tip slide** - \$3.40 ([Link](#))
- OR complete lab virtually through zoom class

Lab 7: Blood Typing (Week 7)

- **Blood typing kit** - \$12.40 ([Link](#))

Lab 8: Allele Frequency (Week 8)

- 1 bag large lima beans
- 1 bag kidney beans
- 1 paper lunch bag
- 1 penny
- 5 small containers

Lab 10: Natural Selection (Week 10)

- 75 kidney beans, 25 lima beans
- 1/2 pound pinto beans
- 1 coin, 4 cups (8oz each)
- 1 paper lunch bag

Lab 11: Bacteria (Week 11)

*Complete lab virtually through zoom class with slide photos

Lab 12: Protists (Week 12)

- **Protozoa mix slide** - \$5.80 ([Link](#))
- **Volvox slide** - \$2.90 ([Link](#))
- **Dinoflagellates slide** - \$3.60 ([Link](#))

*Or complete lab virtually through zoom class with slide photos

Lab 13: Fungi (Week 13)

- **Rhizopus slide** - \$3.25 ([Link](#))
- **Penicillium slide** - \$3.25 ([Link](#))
- **Coprinus slide** - \$3.45 ([Link](#))

*Or complete lab virtually through zoom class with slide photos

Lab 16: Leaf Structure (Week 16)

- 1 leaf (citrus preferred)
- Clear nail polish or clear packing tape

- Leaf cross section slide - \$3.45 ([Link](#))

Lab 17: Flowering Plants (Week 17)

- Lily and various other flowers
- Green bean pod
- Germinating Lima bean

Lab 18: Invertebrate Diversity (Week 18)

*Complete lab virtually through zoom class

Lab 19: Earthworm Dissection (Week 19)

- **Advanced Dissection Kit** (earthworm and tools included)
- Pins
- Cardboard for dissection surface

Lab 20: Fish and Shark Comparison (Week 20)

- **Advanced Dissection Kit** (fresh fish included)
- **Preserved shark** - \$18.50 ([Link](#))

Lab 21: Frog Dissection (Week 21)

- **Advanced Dissection Kit** (includes preserved frog and tools)

Lab 23: Cow Eye Dissection (Week 23)

- **Cow eye specimen** - \$2.90 ([Link](#))
- **Dissection tools** (from Advanced Dissection Kit)

Lab 24 & 25: Rat Dissection Part 1 (Week 24 & 25)

- **Preserved rat** - \$11.00 ([Link](#))
- **Dissection tools** (from Advanced Dissection Kit)

Lab 26: Chicken Wing Dissection (Week 26)

- 1 chicken wing with skin (from grocery store)
- **Dissection tools** (from Advanced Dissection Kit)

Lab 28 & 29: Biodiversity & Ecology (Week 28 &29)

*Complete lab virtually through zoom class