

# 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

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## 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