



Life Science Lab Supply List

Lab 3

A prism or clear glass of water
Piece of white paper
A flashlight or sunny day
Colored pencils or markers (optional)

Lab 5

Gummy bears (same brand, color,
batch, if possible)
Distilled water
Salt
Cups or beakers
Ruler
Kitchen scale (optional, but
recommended)
Spoon

Lab 6

Microscope
Glass slides
Cover slips
Onion
Iodine solution
Methylene blue or another suitable stain
Toothpick or cotton swab
Dropper
Water
Paper towels

Lab 7

1 box of unflavored gelatin
Water
Food coloring
Small plastic containers or petri dishes
Various small candies or edible items
(e.g., gummy bears, marshmallows,
chocolate chips, etc.)
Toothpicks (optional)
Ruler

Lab 8

A healthy green plant with broad leaves
(e.g., water lily, Elodea, etc.)
2 clear glass or plastic containers
Water
Baking soda (optional)
Light source
Stopwatch or timer
Ruler (optional)

Lab 9

20 minimum of 4 colors of beads
40 minimum of 2 different colors of
beads
Pipe cleaners
Scissors
Ruler (optional)

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Lab 10

½ cup chopped onion
½ teaspoon salt
½ cup hot tap water (not boiling)
1 table spoon liquid dish soap
Rubbing alcohol (chilled in freezer 30+ minutes)
Clear glass or beaker
Coffee filter or cheesecloth
Funnel
Wooden skewer or glass stirring rod
Measuring cups and spoons
Small test tube or vial (optional)

Lab 11

6 paper plates (larger is better)
Colored markers or crayons
Labels or sticky notes

Lab 14

Water samples from different sources
(pond, tap water, rainwater, etc.)
Microscope (40x to 400x magnification, minimum)
Slides and cover slips
Petri dishes, plastic bags or small jars
Protist identification guide (book or online)
Markers or labels

Lab 15

Active dry yeast
Sugar
Warm water
Petri dishes or small jars
Microscope
Glass slides and cover slips
Pipettes or droppers
Markers
Timer or stopwatch

Lab 16

Celery stalks with leaves (fresh, light-colored stalks work best)
4+ Clear glasses or jars
Food coloring
Water
Knife or scissors
Ruler

Lab 17

1-2 sweet potatoes
Water
Clear glass or plastic container
4-6 toothpicks
Ruler

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Lab 18

Fresh green leaves (spinach, kale, etc.)
Rubbing/isopropyl alcohol
Small glass or jar
Water
Coffee filter or chromatography paper
Pencil
Scissors
Small container (petri dish, etc.)
Tweezers

Lab 19

1 fresh flower (bigger with fewer petals
better, eg., lily, tulip, hibiscus)
Scissors or plastic knife
Tweezers
Hand lens or magnifying glass (optional)
Tape
Black or dark blue construction paper
Colored pencils, crayons or markers

Lab 20

2 Ziplock-type plastic bags
2 paper towels
Tape
Spray bottle with water
Ruler
Colored pencils, crayons or markers
Bean seeds
Corn seeds

Lab 22

Scissors
Tape or glue

Lab 23

30 cm ruler
Pencil
Notebook paper
A partner

Lab 24

Larger clear jar or container with a lid,
or plastic bottle
Small rocks or pebbles
Potting soil
Small plants (e.g., moss, ferns, or small
houseplants)
Water
Plastic wrap (is using a bottle)
Rubber band (if using a bottle)
Sticky labels
Pen or marker
Light source

Lab 25

Wire coat hanger
Yarn or string of various colors
Scissors
Hole punch
Markers or colored pencils
Tape or glue