

A Logos Science Lab Kit for use with BJU Press Life Science (4th Ed.)

Supplies Included

Bags, plastic, 3 "x B", Lab 14D	Duck down, Labs 14D, 14E Feather, contour, Lab 14E Food color, red, Lab 3F	Tape measure, Lab 1 D
Bag, plastic, 10" x 12", Lab JOG		Test tubes, 16 x 125 mm (5), Labs 4E, JOH, 21E Test tube tongs, Lab 21E
Balloons (3), Labs 4F, 21D	Funnel, 65 mm, Lab 3F	Thermometer (3), Labs 1 D, 2L, 13E, 14D, 22F Thermometer, strip (2), Lab 19G
Beaker, 250 mL, plastic, Labs 4E, 4G	Gelatin, Lab 23F	Toothpicks (10), Labs 6F, JOF, JJE
Bean seeds, Labs 1 OL 11 G, 17F	Goggles, Lab 12H, 13F, 20F	Vinyl gloves, Labs 12H, 13F, 20F
Benedict's solution, Lab 21E	Hair samples to make slide, Lab 14E Iodine solution, Lab 4G	Yeast, Lab 4F
Biuret solution, Lab 2K	Irradiated & control seeds, Lab 7D	Zip top sandwich bags (4), Lab 23F
Blank slides (5), Labs JG, 9F, JOF, 14E, 17G Bottles (2), Lab 4F	Lens, hand, Labs 2N, IIE, 14E, 16F	
Calcium hydroxide, dry, Lab 4E	Lens paper, Lab JG	
Concave slides (2), Lab IIE	Modeling clay, Lab JOG	
Cotton swabs (4), Lab 23F	Nylon screen circle, Lab 16F Paper clips (10), Lab 4G	
Cover slips, box, Labs JG, 1 OF, 11 E, 14E,	Petri dishes (4), Labs 4G, 23F	
17G	pH paper with chart, Lab 2J	
Craft sticks (3), Lab 4E	Pipe cleaner (chenille wire), Lab 6F	
Cups, plastic, 9 oz (3), Lab 10I	Popcorn kernels, colored, Lab 1 E Push pins, colored (3), Lab 6F	
Cups, plastic, 12 oz, Labs 3E, 3F, 1 OH Cylinder, graduated, 10 mL, Labs 1 D, 21 E Dialysis tubing, Lab 3F	Radish seeds, Lab 4E	
Dissectingfoam trays (2), Labs 12H, 13F Dissection kit (includes): eyedropper, Labs JG, 3L 9F, JOF, 10L, 15E, 17G, forceps, Labs 11 E, 13F, 20F	Reaction plate, 24-well, Lab 21E	
dissection pins, Labs 2N, 12H, 13F probes, Labs IIF, 12H, 13F, 17G	Rennet tablet, Lab 2L	
ruler, Labs JD, 3F, 4E, BE, IIE, 13F, 14E, 21D	Rubber band, 1/4", Lab 4E	
scalpel, Labs 3L 9F, 10H, 11F, 12H, 13F scissors, Labs 5F, BE, 10F, 10H, 11F, 12H, 13F, 22H	Rubber bands, small (3), Lab 4E	
	Scale, digital, Labs 1 D, 3F, 1 OG	
	Screen, Lab 1 BD	
	Screen frame, Lab 1 BD	
	Screen screws, Lab 1 BD	
	Sheep wool, Lab 14D	
	Split brad fastener, Lab BG	
	Stethoscope, Lab 20G	
	Stir rod, glass, Labs 4F, 1 OF, 20F	
	Straw, thin, Lab 13F	

PREPARED SLIDES

Horse ascaris, Lab 3H
Muscles, Three Types, Labs 3H, 19H
Onion root, Labs 3H, 5E
Paramecium, Lab 3H

PRESERVED SPECIMENS

Earthworm, Lab 12H
Frog, Lab 13F

ADDITIONAL

Digital media supplement CD:
amoeba, Lab 9 E, bone, Lab 19H, human blood, Lab 20E
human skin, Lab 19E leaf cross section, 1 OF leaf epidermis, Lab 1 OF lichen, Lab 17G



WARNING! CHOKING HAZARD:

-Small parts. Not for children under 3 years.

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Lab 1D	Cross section tree branch, paper, sand, tablespoon, water, yarn
Lab 1E	Hot plate/stove top, pan, popcorn popper
Lab 2J	Apple juice, banana, coffee (black), egg white, egg yolk, lemon juice, saliva, sweat, vinegar, distilled water
Lab 2K	Apple juice, banana, egg white, egg yolk, flour, lemon juice, milk, saliva, sugar, vinegar, distilled water
Lab 2L	Hot plate/stove top, measuring cup, measuring tablespoon, milk, mixing bowl, stirring spoon, sugar, vanilla, water
Lab 2M	Various plant specimens
Lab 2N	Box to hold collected insects, cardboard or foam board, clear finger nail polish, isopropyl alcohol, large mouth jar/coffee can, mothballs, paper triangles, sponge, straight pins
Lab 3E	Ink or dark food coloring, measuring spoon, stirring spoon, stopwatch**, water (hot or cold)
Lab 3F	Corn syrup (clear), distilled water, paper towel, pencil
Lab 3G	Microscope, newspaper or other printed material
Lab 3H	Microscope
Lab 3I	Dishes, potato, salt, water
Lab 4E	Cotton, water
Lab 4F	Apple juice, fine tip permanent marker, table sugar, water
Lab 4G	Aluminum foil, geranium or coleus plant, hot plate/stove top, isopropyl alcohol, water
Lab 5E	Microscope
Lab 5F	Copies of nucleotides and the ribosome pattern from the Teachers Manual Appendix A*, tape, construction paper, assorted colors
Lab 6F	Coins (pennies, nickels, quarters), copies of chromosome from the Teachers Manual Appendix A, miniature marshmallows, white and colored, paper bag, popped popcorn, potato, puffed corn cereal, quarters
Lab 7D	Flower pots, potting soil
Lab 8E	Encyclopedia, other outside reference materials, or online sources
Lab 8F	Encyclopedia, other outside reference materials, or online sources
Lab 8G	Paper, permanent marker, plastic lids from coffee can or margarine tub
Lab 9D	Calculator
Lab 9E	Computer
Lab 9F	Fresh mushroom, hair spray or spray shellac, white and black paper
Lab 10F	Leaf (geranium, philodendron, or lettuce), microscope, water
Lab 10G	Potted geranium or plant with single stem, tape or twist tie, water
Lab 10H	Baking soda, cardboard box, elodea/anacharis, lamp, permanent marker, water
Lab 10I	Paper towels, permanent marker, small box, water

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Lab 11E	Microscope, moss, water
Lab 11F	Fresh flowers
Lab 11G	Factors to be used in a lab book, page 179 , labels, potting soil and trays
Lab 12H	None
Lab 12I	Encyclopedia, other outside reference materials, or online sources
Lab 12J	Containers for growing larvae, painted lady butterfly larvae, suitable food source
Lab 13E	Hot water, ice cubes, live fish, plastic bags, small aquarium
Lab 13F	None
Lab 14D	Freezer
Lab 14E	Microscope
Lab 14F	Bible
Lab 15E	Ant microcosm chamber, ants, food (corn flakes, wheat or barley seeds or small potato slices), sand, water
Lab 15F	An animal in its natural environment
Lab 15G	None
Lab 15H	Encyclopedia, other outside reference materials, or online sources
Lab 16F	Incandescent light bulb, isopropyl alcohol, top of gallon jug or 2 liter bottle cut off for funnel, quart jar, tape, topsoil sample, slice of bread
Lab 16G	Natural ecosystem
Lab 17F	Flower pots, 4 inches in diameter, potting soil
Lab 17G	Computer, field guides, lichen specimen, microscope
Lab 18D	Blender, clothes iron, heavy object such as phone book, large baking pan, paper to recycle, newspaper, scrap paper, etc., piece of cloth or towel for blotting paper, sponge, staple gun and staples, utility knife, water
Lab 19E	Computer
Lab 19F	Fresh beef bone
Lab 19G	Dumbbell or similar weight, stopwatch
Lab 19H	Computer, microscope
Lab 20E	Computer
Lab 20F	Blue and red yarn, whole cow heart or other large mammal heart
Lab 20G	Isopropyl alcohol, stopwatch, tissues
Lab 20H	Stopwatch
Lab 21D	Stopwatch 12" ruler
Lab 21E	Coffee cup, pencil, saltine crackers, hot plate/stove top, water
Lab 22F	Cold water, dish, hot water, large glasses or cups, paper
Lab 22G	Darkened room, pen light, not LED

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Lab 22H	Brightly lit area, construction paper, light and dark colors, color wheel (optional), glue or tape, stopwatch, white paper
Lab 23F	Bouillon cube, bowl to mix the gelatin, household bleach, liquid anti-bacterial soap, measuring cup
Lab 23G	Calculator
Lab 23H	Calculator, stopwatch

**Items not included in the individual labs will be noted by an asterisks*

NOTE: For the stopwatch, use a cell phone or go online.