

# A Logos Science Lab Kit for use with BJU Press Life Science (5th Ed.)

## Supplies Included

Amylase, Lab 14E	Push pins, Lab 4D
Bags, plastic, 3 "x 8", Lab IID	Sandpaper, Lab 9D
Bag, plastic, 10"x 12", Lab 11 E	Screen frame, Lab 20D
Balance (digital scale), Lab 8D	Screen screws, Lab 20D
Balloons (4), Lab 7D	Sheep wool, Lab 11 D
Beaker, 250 mL, Labs 2E, 14E	Sponge, Lab 20D
Bean seeds, Lab 9C	Test tubes, 16 x 125 mm (5), Lab 14E
Benedicts solution, Lab 14E	Test tube tongs, Lab 14E
Cups, plastic, 9 oz (3), Lab 9C	Thermometer (4), Labs 7D, IID, IIE, 16D
Cups, plastic, 12 oz, Lab 2D	Thermometer, strip (2), Lab 13F
Cylinder, graduated, 10 mL, Lab 14E	Toothpicks, Lab 4D
Cylinder, graduated, 50 mL, Lab 7D	Watermelon seeds, Lab 9D
Feathers, down, Lab IID	Yeast, Lab 7D
Eyedropper, Lab 9C	Zombie cards
Food color, Lab 2D	
Game die, Lab 4E	
Goggles, Labs 2D, 2E, 14E	
Iodine solution, Lab 2E	
Irradiated & control seeds, Lab 5D	
Labels (6), Lab 9D	
Lens, hand, Lab I BC	
Marbles, colored, printed on cards (10 each of 6 different colors), Lab 4E	
Paper clips, Lab 2E	
Petri dish, Lab 2E	
Pipe cleaner (chenille wire), Lab 4D	

### PREPARED SLIDES

Horse ascaris, Lab ID
Muscles, three types, Lab ID
Onion root, Labs ID, 3D
Paramecium, Lab ID

### ADDITIONAL

Digital media supplement CD:
amoeba, Lab 7C
human skin, Lab 13E



#### **WARNING! CHOKING HAZARD:**

-Small parts. Not for children under 3 years.

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## Supplies Needed

Lab 1D	Microscope
Lab 1E	Dichotomous key
Lab 2D	Spoons (for stirring), stopwatch**, water (very hot and very cold, filtered or bottled)
Lab 2E	Alcohol (isopropyl 70%), aluminum foil, geranium or coleus plant, hot plate/stove top, water
Lab 2L	Microscope
Lab 4D	Coins (penny, nickel, quarter), miniature marshmallows (white and colored), popped popcorn (or puffed corn cereal), potato
Lab 4E	Coffee cups (4), empty box
Lab 5D	Flower pots, potting soil
Lab 5E	Random letter generator, random number generator
Lab 6C	Calculator, computer, spreadsheet software
Lab 6D	Scissors
Lab 7C	Computer
Lab 7D	Apple juice, bottles (20 oz., qty. 4), ice water bath, stopwatch**, warm water baths
Lab 8C	Various plant specimens
Lab 8D	Cutting board, fresh potato, knife, salt water, shallow dishes or bowls (6), tap water
Lab 9C	Permanent marker, paper towels, small box, water
Lab 9D	Bowls (3), fertilizer solution, polyethylene glycol solution, potting soil, seed starting tray, refrigerator, water
Lab 10D	None
Lab 10E	Digital camera, field guides, small notebook
Lab 11D	Freezer
Lab 11E	Aquarium (small), live fish, hot water, ice cubes
Lab 12C	Reference material (e. g . online sources, encyclopedia, etc.), spreadsheet software
Lab 12D	Teacher-provided materials
Lab 13D	Computer
Lab 13F	Dumbbell (or similar weight), stopwatch**
Lab 14D	Online calories calculator, online BMR calculator, running app or pedometer, stopwatch**
Lab 14E	Bowl, coffee mugs (2), saltine crackers, hot plate or microwave oven, mortar and pestle, pencil, water
Lab 15D	Respiration rate app or stopwatch**
Lab 15E	Pulse monitor or pulse monitor app, stopwatch**
Lab 16D	Large glasses or cups, random number generator, water (hot and cold)

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## Supplies Needed

Lab 16E	Stopwatch**, white paper (2 sheets)
Lab 17D	Computer with internet access
Lab 17E	Spreadsheet software, pitch app
Lab 18C	Binoculars (optional), ecosystem to observe, field notebook
Lab 19D	None
Lab 19E	Field guides or keys
Lab 20D	Blender, clothes iron (optional), heavy object such as phone book, large baking pan, paper to recycle (newspaper, scrap paper, etc.), piece of cloth or towel for blotting paper, screw driver, staple gun and staples, utility knife, water
Lab 20E	None

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