

A Logos Science Lab Kit for use with BJU Press Physics (3rd Ed.)

Supplies Included

Alligator clip jumper wires (7), Labs 22-1, 26 Aluminium bar, Labs 2, 17	Metric tape measure, Labs 2, 3-1, 5, 7, 8, 9, 10, 11, 12-1, 12-2, 13, 23-2, 24-2, 25, 26	Ruler, 12", Labs 3-2, 4, 5, 14-3, 17, 21, 23-1, 24-1, 29-2
Bar magnet, pair, Lab 21	Multimeter, Labs 20-1, 20-2, 20-3, 22-1, 22-2, 26	Safety goggles, Lab 13
Battery, 9V, Labs 20-1, 20-2, 20-3, 22-2 Battery, D-cell, Lab 22-1	Oleic acid (100%), Lab 13	Sandpaper, Lab 13
Battery holder, D-cell, Lab 22-1	Paper clips, Lab 11	Semicircular clear dish, Labs 23-1, 24-1 Silk cloth, Lab 18
Beaker, 30 mL, Lab 14-3	Photovoltaic cell, Lab 26	Spring, steel, Lab 9
Beaker, 150 mL, Lab 15	Pipet, mini, Lab 13	Spring clamp, Lab 14-2, 14-3
C-clamp, Labs 8, 12-1, 22-1	Pins, straight/sewing, Labs 23-1, 24-1 Pipet, thin stem, Lab 14-3	Spring scale, 250 g (2), Labs 6, 10, 15, 17 Steel bolt, Lab 17
Chalk, Lab 13	Plane mirror, Labs 23-1, 24-1	Steel wool, Lab 20-1
Compass, Lab 21	Plastic tube, clear, 15 cm (2), Lab 12-2	Stir rod, glass, Lab 18
Concave mirror, 250 mm, Lab 23-2	Plastic tube, clear, 20 cm, with scale, Lab 12-2	Straw, Lab 18
Convex lens, 150 mm, Lab 24-2	Plastic tube, 0.95 cm x 15 cm, Labs 7, 18 Polyethylene rod, Labs 2, 17	String, Labs 2, 5, 6, 8, 10, 12-1
Cord, nylon, 1 m, Lab 7	Potentiometer, 150-250 Q, Lab 22-1	Support board, Labs 9, 10, 12-1, 22-1 Syringe, 60 mL, with cap, Lab 14-2 Thermometer (2), Labs 12-2, 14-2, 15 Thread, Labs 11, 17, 18, 22-1 Tuningfork, 1024 Hz, Lab 12-2
Craft Stick, (2), Lab 11	Protractor, Labs 4, 6, 8, 23-1, 23-2, 24-1, 24-2, 25, 29-2	Washer, Lab 5
DC motor, 1.5V, Lab 22-1	Pulley with clamp, Lab 8	Wool cloth, Lab 18
Digital scale, Labs 2, 7, 11, 15	Pulley tandem (2), Lab 10	
Elenco EP-50, Labs 20-1, 20-2, 20-3, 22-2 Foam cups, 14 oz (2), Labs 15, 18	Recording timer, Labs 3-1, 8, 9, 11 <i>Included with recording timer:</i> <i>Carbon discs, Labs 3-1, 8, 11</i> <i>Recording paper tape, Labs 3-1, 3-2, 4, 8, 9, 10, 11</i>	
Foam cup cover, Lab 15	Rubber bands, Lab 14-2	
Graduated cylinder, 10 mL, Lab 13 Graduated cylinder, 100 mL, Labs 2, 12-2, 15, 17	Rubber stopper, Lab 7	
Hall's carts & bumpers (2), Labs 8, 11 Index cards (3), 3"x5", unlined, Labs 23-2, 24-2		
Knife switch, Labs 22-1, 26		
Laser/LED light, Labs 23-2, 24-2, 25		
Lens holders (2), Labs 23-2, 24-2		
Marble 1/4", Lab 5		
Mass set, slotted, Labs 3-1, 6, 7, 8, 9, 10, 11, 12-1, 22-1		



WARNING! CHOKING HAZARD:

-Small parts. Not for children under 3 years.

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Supplies Needed

Lab 2	Water
Lab 3-1	Masking tape
Lab 3-2	None
Lab 4	Scientific calculator
Lab 5	Books, carbon paper, masking tape, stopwatch, table or counter 1 m long, white paper
Lab 6	Card table, graph paper, masking tape
Lab 7	Felt tip pen, stopwatch
Lab 8	Board 1"x 6"x 3 ft or ramp of similar dimensions, books, masking tape
Lab 9	Books, masking tape
Lab 10	Books
Lab 11	Masking tape
Lab 12-1	Books, masking tape, stopwatch
Lab 12-2	Masking tape, water
Lab 13	Isopropyl alcohol (99%), shallow pan, water
Lab 14-1	None
Lab 14-2	Graph paper, hot mitts, ice, kitchen tongs, large mixing bowl, source of heat, water
Lab 14-3	Food coloring, graph paper, several thin books of equal weight, water
Lab 15	Ice, kitchen tongs, paper towels, tap water
Lab 17	Salt, water, water glass
Lab 18	Aluminum foil, masking tape, scissors, water faucet
Lab 20-1	None
Lab 20-2	None
Lab 20-3	None
Lab 21	Books, cardboard, masking tape, paper
Lab 22-1	Books, meter stick, stopwatch
Lab 22-2	None
Lab 23-1	Cardboard, masking tape, paper
Lab 23-2	Books, masking tape, pencil
Lab 24-1	Cardboard, masking tape, paper, water
Lab 24-2	Masking tape, paper, pencil
Lab 25	Cardboard (60 x20 cm), cardboard boxes, compact disc, felt tip pen, masking tape, paper (white, unlined)
Lab 26	Lamp (115 VAC) with switch, light bulbs: 25, 50 , 75, and 100 W, masking tape
Lab 29-1	Box with cover, M&M® candies
Lab 29-2	Drawing compass