

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

Supplies Included

Alum, Lab 9A	Lab 25A Limestone pebbles, Lab 12A	Marble
Balloon, long, Lab 25B	Magnet bar, Lab 9 B	Magnetite
Batteries, D-cell (2), Lab 6A	Magnifier, Labs 9A, JOA, JJB, 12B, 12C	Milky quartz
Beaker, 50 mL, glass, Labs 5C, 14A, 18A Beaker, 150 mL (3), Lab 12A	Orion spacecraft model project, Lab 25C Pan head screw, #8 3/4", Lab 19B	Muscovite
Beaker, 250 mL, Lab 9B, 12C	Paper clip, Lab 19A	Pyrite
Bottle, amber with lid, Lab 15B	Pea gravel, Lab 17 A	Quartzite
Candle, tea, Lab 4A	Pencil, Lab 19A, 24B	Rhyolite
Cheesecloth, Lab 12C	Pins, straight (3), Labs 22A, 24B	Rose quartz
Compass, Lab 22B	Pipet, graduated (2), Labs 2B, 5C	Sandstone
Craft sticks (2), Lab 3B	Pipet, large bulb (2), Labs 14A, 18A	Shale
Cups, foam (4), Lab 18B	Pipet, thin stem, Lab 13A	Slate
Cups, paper (9), Labs 13B, 17B, 18B	Plaster of paris, Lab 17 A	Talc
Cups, plastic, 9 oz (6), Labs 9A, 13B, 17 A	Plastic vials (4), Lab 17B	Rubber bands (4), Labs 19B, 25A
Cylinders, graduated, 25 mL (3), Labs 2B, 5C	Play-Doh™ (2), Labs 3B, 6A, 7B, 17A, 19A	Ruler, cm, Labs 2A, 7 A, 7B, 7C, 8B, 12B, 12C, 13A, 17B, 18B, 20B, 21B, 23B, 23C, 25A, 25C
Cylinder, graduated, 50 mL, Labs 13A, 15B	Protractor,	Sand, Labs 15B, 17 A
Digital scale, 600 g, Labs JB, 2A, 2B, 12A, 12C, 13B, 15B	Labs 3A, 3B, 7A, 22B, 22C, 23C, 24B, 25C	Skewer, wood, Lab 5 C
Dowel, 3/4"x2", Lab 19B	Push pins, Lab 23B	Split brad fastener, Lab 24A
Epsom salts (magnesium sulfate, MgSO ₄), Labs 9A, 17B	Rock and mineral samples, Labs 9B, 1 0A	Spring scale, 100g, Lab 9B
Fishing sinker, Labs 3A, 6A	Basalt	Straw, drinking, Labs 3A, 7 A, 25B
Glass tile, Lab 9 B	Biotite	Streak plate, Lab 9B
Glue stick, Labs 4A, 19A, 22B, 24A	Calcite	String, Labs 3A, 3B, 6A, 7 A, 9A, 9B, 23B, 24B
Glycerin, Labs 2B, 5C	Conglomerate	Support board, Labs 6A, 9B
Index cards, 3 "x5" (8), Labs 7B, 22C	Fluorite	Tape measure, Labs 3B, 7A, 24B, 25B, 25C
Lamp bulb, 3. 7 volt, Lab 6A	Gneiss	Test strips, nitrate, Lab 16B
Lamp receptacle, Lab 6A	Gypsum	Test strips, phosphate, Lab 16B
Lens, convex, 50 mm, 150 mm,	Granite	Thread, Labs 9B, 15B
	Hematite	Thermometers (4), Labs 13A, 18B, 19B
	Limestone	Wire, insulated, #22 (3-1 meter pieces), Lab 6A
		Wood sample blocks, Lab 2A

Graph paper is included in the BJU Press Earth Science Manual for you to use.



WARNING! CHOKING HAZARD:
-Small parts. Not for children under 3 years.

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Lab 1A	None
Lab 1B	Mini carrots
Lab 1C	Colored pens or pencils
Lab 2A	None
Lab 2B	Cano/a oil, distilled water, freezer
Lab 3A	None
Lab 3B	Globe or large ball at least 20 cm in diameter, lamp or spotlight
Lab 3C	Computer with Google Earth™
Lab 3D	None
Lab 4A	Solar heating device template (available on the Earth Science 4th Edition Resource web page), scissors, stopwatch, thin cardboard, heat lamp or halogen lamp, newspaper, tape
Lab 4B	None
Lab 5A	None
Lab 5B	None
Lab 5C	Food coloring
Lab 6A	Books, cardboard box, desks or tables the same height (2)
Lab 6B	Calculator, drawing compass, map of the U.S.
Lab 6C	Computer with Google Earth™
Lab 7A	None
Lab 7B	Deep dish pan, water pitcher, old ball point pen or clay tool, rock
Lab 7C	Calculator, drafting divider or stiff drawing compass
Lab 8A	Computer with Google Earth™
Lab 8B	Calculator
Lab 9A	Food coloring, hot plate or stove top, pencils, saucepan, spoon, sugar
Lab 9B	Books, penny 1983 or older, steel knife
Lab 10A	Paper towels, vinegar
Lab 10B	None
Lab 11A	None
Lab 11B	Trilobite fossil
Lab 12A	Apron, hammer, microwave, old dish towel, oven mitt or pot holder, plastic spoons, white vinegar
Lab 12B	Calculator
Lab 12C	12-oz ceramic coffee cups, large jar (quart size), paper towel, masking tape, oven mitt or hot pad, soil sample, stove or hot plate
Lab 13A	Distilled water, table salt

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Lab 12B	Distilled water, freezer, measuring cup, metal mixing bowl, plate, table salt
Lab 14A	Food coloring (blue, yellow), paper, table salt, wide mouth jar
Lab 14B	Calculator
Lab 15A	Computer with Google Earth™
Lab 15B	Quart sized glass jar, salt
Lab 16A	Computer with Google Earth™
Lab 16B	Distilled water, sample containers
Lab 17A	Disposable mixing container and spoon, flat head screwdriver, marker
Lab 17B	Distilled water, liquid soap, mineral water
Lab 18A	Colored pencils, food coloring, paper ruler template (available on the Earth Science 4th Edition resource web page)
Lab 18B	Aluminum foil, black spray paint (matte), clear plastic wrap, cardboard box, foam coffee cups, food coloring (red, green, blue), glass jar quart size, paper coffee cups, small glass plate, insulating material
Lab 19A	Anemometer template (available on the Earth Science 4th Edition resource web page), foamcore sheet, masking tape, metal ruler, scissors, utility knife
Lab 19B	Cardboard strip, gauze square, scissors, screwdriver
Lab20A	Computer with internet access
Lab20B	Colored pens or pencils
Lab 21A	Calculator
Lab 21B	Colored pens or pencils
Lab 22A	Black electrical tape, black spray paint (matte), computer with scanner and graphics program, drill and 3/8" drill bit, plastic glue, utility knife
Lab 22B	Black and white photographic paper, foamcore sheet 24"x24" or larger, hot glue gun and glue sticks, large sheet of paper 11"x17", metal square 1"x1", PVC pipe 3"x8", PVC pipe caps, PVC pipe flat caps, utility knife
Lab 22C	Large flashlight or utility light, masking tape, meter stick, volleyball
Lab 23A	Small telescope or binoculars
Lab 23B	Calculator, cardboard sheet 12"x2" or larger, masking tape, mechanical pencil, paper sheets
Lab 23C	None
Lab 24A	Constellation finder template (available on the Earth Science 4th Edition resources web page), scissors, stapler, tape, construction paper, hobby knife
Lab 24B	Cardboard sheet 12"x12", masking tape, pencil, tables or desks
Lab 25A	Masking tape, paper, paper towel tubes, scissors
Lab 25B	Calculator, chairs, fishing line, masking tape, stopwatch
Lab25C	Hobby paint, launch system, masking tape, model paint, model rocket kit, recovery wadding, white glue

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