

# A Logos Science Lab Kit for use with BJU Press Science 6 (4th Ed.)

## Supplies Included

Antacids, four commercial varieties (4 tabs)	Bag, plastic 3" x 4"	Dropper, medicine or eye	Prism
Bag, resealable (sandwich) (5)		Drywall tape (8 ft)	Protractor
Bags, resealable quart (8)		Eraser, dry erase/white board	Pulley
Ball, golf		Fishing line (10 m)	Quilt batting (5 cm x 30 cm)
Ball, rubber		Foam square (blue)	Rocks, igneous: basalt, gabbro, rhyolite
Ball, table tennis		Food coloring	Rubber band, wide
Balloon, 4" (2)		Glue, white	Rubber bands
Balloon, 9" (3)		Goggles, safety	Ruler, centimeter and inch
Balloons, long and narrow (2)		Identity Cards (cardstock): blue (2), red (2)	Sand
Batteries, D-cell (2)		Labels numbered 1-5 (1 set)	Scissors
BBs (12)		Labels numbered 1-6 (1 set)	Screen (6" x 6")
Cardstock, assorted colors (3 cm x 30 cm): blue, green, red, white		Light bulbs (2)	Seed, mustard
Cardstock, white		Magnets, bar (1 pr)	Seeds, carrot (2)
Chalk		Magnets, disc shaped (12)	Seeds, poppy (2)
Checkers/counter chips (25)		Magnifying glass	Slides, blank
Cheesecloth (2' x 3')		Marker, permanent	Slides, prepared
Chenille wires, black, 12" (2)		Meat tenderizer (4 ml)	Sockets for light bulbs (2)
Chenille wires, blue, 2" (6)		Metals: aluminum wire (3"), copper strip,	Sponge, manmade
Chenille wires, green, 2" (6)		copper wire (3"), iron strip, nickel strip	Sponge, natural
Chenille wires, red, 2" (6)		Mirrors, small (2)	Spring scale
Chenille wires, yellow, 2" (6)		Note/index card, 3" x 5"	Sticks, stirring (9)
Clay, modeling		Paper, black	Straw, drinking
Clothespin, spring		Paper clip, large metal	String (8 ft)
Containers: small plastic bottles with lids (2)		Paper clips, small (2)	Tape, electrical (12")
Cotton balls (15)		Paper fasteners, small (2)	Tape, masking
Cotton swabs (2)		Paper, construction: black (1/2 sheet),	Test tube
Coverslip		blue (1 1/4 sheet), brown (1 sheet), green (1 1/4 sheet), orange (1 sheet), yellow (2 sheets)	Thermometers (2)
Craft sticks (7)		Paper, graph	Thread, spool of
Cup, condiment, 2 oz		Peas, dry (2)	Toothpicks (6)
Cups, foam, 8 oz (4)		Pencils, colored (1 set)	Toy cars, small (2)
Cups, foam, 14 oz (4)		pH indicator paper	Tubing, flexible clear plastic (10 ft)
Cup, paper, 3 oz		Play-Doh®, color A (1 oz)	Voltmeter
Cups, plastic, 9 oz		Play-Doh®, color B (1 oz)	Washers (5)
Cups, plastic, 12 oz			Wheat germ, raw (15 ml)
			Wire, aluminum
			Wire, copper
			Wire, insulated (3.5 m)

**WARNING! CHOKING HAZARD:**

-Small parts. Not for children under 3 years.

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Yarn (5 m)	Rhinoceros
Yarn, color A (1 yd)	Whale
Yarn, color B (1 yd)	Hang glider
Yeast (5 ml)	Common/various/familiar plants and flowers
<b>Appendix images</b>	Statue of Liberty
*World maps Yellowstone Park	Night sky
Venn diagram	Bicycles and protective helmets
Grand Canyon	Earth (photos taken from space)
*United States maps Mountain lion	Solar system
Bison	Family tree
Jellyfish	*Maps provided are approximations.
Sea star	
Snail	
Octopus	
Grasshopper	Illustrations created by R. L. Nevinczenko.
Porcupine	



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Chapter 1	Aerosol can; Books; Butter; Cardboard, large piece; Cereal, crispy rice; Cooking spray; Cup, measuring; Fettuccine noodles, dry; Funnel, large metal; Hot plate; Level, carpenter's; Marshmallows, regular; Marshmallows, large; Pans, regular and large; Pennies; Pie plate; Spoon; Sticks, twigs, or pencils; Toy, plastic spring; Vinegar; Water
Chapter 2	Aluminum foil; Bottle, soda; Buckets or large containers; Clay, dry (or clay cat litter); Cup, measuring; Freezer; Ice cube; Jar; Meter stick (substitute provided); Nail, common 6d; Pans, baking, small rectangular; Pan, foil loaf (3" x 6"); Pan, small aluminum; Paper hole punches, pile of; Potting soil, soil samples, and dirt; Rocks, assorted small; Salt shakers; Seed catalogs; Seed packets; Spray bottle; Stopwatch; Sugar; Water
Chapter 3	Bag, black plastic; Bible; Book; Buckets or large containers; Cardboard cylinder, containers or tubes; Clock with a second hand; Containers for runoff; Cooking oil; Dish soap, liquid; Grass tufts; Hammer; Images from an old calendar; Leaves, fresh; Pan, baking (9" x 13"); Pan, foil loaf (9" x 4"); Pan, for oil waste; Paper towels; Pebbles; Salt; Soil, potting; Spoon; Sticks, twigs, or pencils; Water; Watering can or large salt shaker
Chapter 4	Book; Cardboard; Container; Marshmallows, large; Microscope; Pasta, uncooked, various (1 cup); Pencil sharpener, electric/battery-operated; Plant or flower, dead; Student assistant or pet; Sugar; Toy animal or doll; Tube, cardboard (empty toilet paper roll); Tweezers; Water; Yeast
Chapter 5	Ammonia or vinegar; Apple or potato slices; Blocks, toy; Buckets or large containers; Dishpan, deep; Earthworms, live; Fishbowl (glass) or large glass jar; Flashlight; Glass or plastic, clear piece; Grasshopper; Ice cubes; Jar, large mouth glass; Lamp, unshaded; Leaves, dried; Mealworms; Notepad, plastic cover; Oatmeal or wheat bran; Observation log; Paper, white; Paper, unlined or poster board; Pebbles; Resources about animals; Shortening or lard, solid; Snail; Soil, damp; Spatula, rubber; Sticks, twigs, or pencils; Suction cup; Tape, clear office; Tubes, cardboard (3); Water
Chapter 6	Calculator; Catalogs, seed and bulb; Field guide for trees or an encyclopedia; Field guide to plants; Meter stick (substitute provided); Paper towels; Seed packets; Sticks, twigs, or pencils; Tea containing Ginkgo biloba; Water
Chapter 7	Ammonia (10 ml); Baking soda; Bottle, clear plastic, 500 ml; Container, 200 ml or larger; Containers, glass; Cup, measuring; Hydrogen peroxide, 3%; Juice, lemon; Milk; Paper, white; Poster board; Salt; Spoon, measuring Sec, 14cc; Stopwatch; Trail mix; Vinegar; Water, distilled
Chapter 8	Aluminum foil (5-10 cm strip); Appliances, small electric (several); Coins (6); Electric power bill, local; Various items, such as: Batteries, additional; Nails, different-sized; Paper towels; Pencils, wooden; Rods, plastic; Salt (10 ml); Shoebox; Wire, additional; Vinegar (20 ml); Water
Chapter 9	Board, 30 x 80 cm (1' x 3'); Books; Calculator; Cardboard tubes; Cup, clear glass or plastic; Machines, simple, various; Meter stick (substitute provided); Resources about roller coasters; Various items such as Blocks, Books, Pennies

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Chapter 10	Aluminum foil; Ball, foam; Can, soft drink; Chocolate milk mix, (1 cup); Dishpan, deep; Flashlights; Flour; Foil or dark paper with 0.5 cm diameter hole in the center; Hammer; Lamp, unshaded; Lamp, unshaded, 3-way switch; Light bulb, 3-way; Light bulbs, 40-watt (2); Meter stick (substitute provided); Nails (common 6d and finishing); Needle with large eye; Newspaper; Paper, white; Pen; Star charts; Tape measure; Umbrella, dark
Chapter 11	Balls or round objects (various); Box, cardboard; Clock or watch with second hand; Electronic device, small; Flour; Food, dehydrated; Globe; Helmet (substitute provided); Marshmallows, large; Meter stick (substitute provided); Resources about planets; Travel brochures; Various items such as: Aluminum foil (1 roll); Cardboard; Paint, black and white; Paint brushes; Paper towels; Paper, white; Pie plate, aluminum; Plastic wrap; Newspaper; Softball; Sunglasses; Sunscreen; Tape measure
Chapter 12	Apple or orange slices with seeds; Carrot top (greenery removed); Flower, large; Fruits, assorted dry and fleshy; Knife, small; Potato with sprouts; Soil, potting; Water
Chapter 13	Detergent, liquid; Gravel; Map, road; Plants, similar; Pots (6); Rubbing alcohol; Soil; Water, distilled
Chapter 14	Eggs, raw (2); Helmet, protective; Jars, plastic with screw-on lids (2); Keys, assorted; Padlock with key; Stopwatch; Water
Chapter 15	Cabbage, red, small head; Lye, granular; Red cabbage juice indicator solution; Resources about diseases; Shoeboxes or other containers; Water, distilled

*The Teacher's Toolkit CD is not included with this kit.*

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