

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

Supplies Included

Aluminum foil, Labs 6–7, 21, 99–100	3, 54, 77, 117–118, 164–165	In BG20G5V5PAPERCONST
In BG20G5V5PAPERCONST	Binder clips, Labs 131–133	Cotton Balls, Labs 75, 113–114
Bag, paper lunch (4), Labs 1, 111	In BG20G5V5OFFICE	In BG20G5V5COMPASS
In BG20G5V5PAPERS	Bowl, clear, Lab 41	<i>Save cotton balls for later lesson</i>
Bag, plastic, resealable, gallon size (7)	Bowl, foam (3), Labs 16–17, 52	Counters, Lab 153
Labs 26–27, 46–47, 117–118,	Brass fastener, Lab 120	In BG20G5V5PAPERCONST Cut out for the Lab
In BG20G5V5BAGS	In BG20G5V5OFFICE Bubble wrap, Labs 113–114	Craft sticks, Labs 54, 113–114, 131–133
Bag, plastic resealable, quart sized (4), Lab 1	Used as wrapping in kit box	In BG20G5V5BAGS
In BG20GV5BAGS	Bulb socket, Labs 4–5, Instr. Aid 1.7	Cup, clear plastic, 9 oz (14), Labs 12, 20, 41–42, 64, 113–114
Bag, plastic resealable, snack sized (8) Labs 1, 14–17, 80	In BG20G5V5ELECTRICAL Bulb, 1.5 V miniature lamp, Labs 4–5, Instr. Aid 1.7	<i>Rinse cups for re-use where possible</i>
In BG20GV5BAGS	In BG20G5V5ELECTRICAL	Cup, clear plastic, 12 oz (16), Labs 164–165
Baking soda (25g), Labs 22, 139–140	Candle, Lab 21 – In BG20G5V5COMPASS Candy, peppermint, whole, Lab 20	<i>Rinse cups for re-use where possible</i>
In BG20GV5DRYITEMS	In BG20G5V5BAGS Cardstock, Labs 29, 63	Cup, foam, 8 oz (12), Labs 131–133, 139–140 Cup, paper, 3 oz (2), Lab 167
Ball, table tennis, Labs 113–114, Instr. Aid 6.6 Balloon, small (7), Labs 113–114, 150	In BG20G5V5PAPERCONST Cellophane (5) (Blue, Green, Purple, Red, Yellow), Labs 75, 129	Cup, paper, 9 oz (1), Lab 173
In BG20G5V5BALLOON Balloon, 9" (23 cm) (14),	In BG20G5V5PAPERCONST	Dice, Labs 171, 177
Labs 6–7, 19, 22, 150, 152, 162	<i>Save cellophane for later lessons</i>	In BG20G5V5COMPASS
In BG20G5V5BALLOON	Clay, modeling, non-hardening, Labs 8–9, 13–15, 58–59, 68, 74, 87–88, 150, 162	Electrical tape, 12", Lab 154, Instr. Aid 13.3 "
Balloon, 9" (blue, white, yellow, red), Lab 124	<i>Save modeling clay for later lessons Keep sealed away from oxygen and light when not in use</i>	In BG20G5V5ELECTRICAL
In BG20G5V5BALLOON	Coffee tilter, Labs 16–17, 165	Envelopes (12), Lab 109
Balloon, 12" (3), Labs 119, 154	In BG20G5V5PAPERS	In BG20G5V5PAPERS
In BG20G5V5BALLOON	Compass, directional, Lab 66	Fabric, felt, corduroy, velvet, Labs 75, 116
Balloon, twisting (5), Labs 13, 161	In BG20G5V5COMPASS	In BG20G5V5STRAW
In BG20G5V5BALLOON	Construction paper, black (8), blue (2), green (2), orange (2), red (2), yellow (2), white (4) Labs 13, 58–59, 64, 75, 92–93, 99–100, 104–106, 124, 162	Flashlight (2), Labs 50, 64, 101, 124, 127, 129, 173
Bulb, C, Labs 4–5, Instr. Aid 1.7		In BG20GV5FLASHLIGHTS
In BG20G5V5ELECTRICAL Bead, pony, Instr. Aid 6.3		Food color: blue, red, Labs 67, 164
In BG20G5V5OFFICE		Fork, plastic, Lab 163
Beaker, graduated 100 ml,		In BG20G5V5WARES Fossil samples, Lab 85
Labs 6–7, 20, 22, 41–42, 87–88, 167		
Beaker, graduated 600 ml, Labs		



WARNING! CHOKING HAZARD:

–Small parts. Not for children under 3 years.

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In BG20G5V5BAGS	common, Labs 123–127	Rocks, pea gravel, Labs 3, 17, 51, 75
Funnels, 52 mm (2), 90 mm,	In BG20G5V5ELECTRICAL Nail, finishing, Labs 123–127	<i>Save pea gravel for later lessons</i>
Labs 16–17, 22, 42, 154–165, Instr. Aid 13.3 Game token, Labs 157–158	In BG20G5V5ELECTRICAL	Rod, acrylic, Labs 6–7
In BG20G5V5OFFICE	Owl pellet, Lab 30	In BG20GSVSWARES
Glitter, 15 g, Labs 68, 165	Paintbrush 1/4", Lab 162	Rubber band,
In BG5V5COMPASS	In PBG20G5V5BRUSH Paper clip, large, Labs 6–7	Labs 41–42, 13–114, 131–133, 150, 173
Gloves, nitrile (3 pr), Lab 30	In BG20G5V5OFFICE	In BG20GSVSTUBING
Glue, liquid, 4 oz,	Paper clip, small, Labs 99–100, 113–114	Rubber eraser, Labs 6–7
Labs 30, 46–47, 58–59, 75, 99–100	In BG20G5V5OFFICE	In BG20GSVSPROTRACTER
Goggles, safety, Labs 22, 77, 127, 139–140 Hand lens (magnifier), 6X, Labs 30, 80–81, 87–88	Paper, white, Labs 60–61, 86	Ruler, 12", Labs 2–3, 19, 41–42, 82, 87–88, 90,
In BG20G5V5BRUSH	In BG20G5V5PAPERCONST	99–100, 123, 154, 171–172
Index cards, 3x5, unlined (100),	Peanuts, packing, Labs 113–114	Salt, rock, Lab 82, In
Labs 18, 48–49, 101, 103, 109–110, 113–114,	In BG20G5V5TUBING	BG20GSVSDRYITEMS Salt, table (100 g), Labs 77, 82
119, 124, 130, 134–135, 148, 159, 161, 170, 178 Index cards, 4x6 (6), Labs 30, 173	Pencil (4), Labs 3, 6–7, 19, 41–42, 82, 99–100	In BG20GSVSDRYITEMS
In BG20G5V5PAPERCONST	In BG20G5V5PROTRACTOR	Sand (1 oz) (30 g), Labs 16, 42
Iron filings, Labs 14–15	Pencil, colored, set, Labs 29, 34–36 Penny, Lab 120, in	Scale, digital (substitute for balance),
In BG20G5V5ELECTRICAL	BG20GSVSPAPERCLIP Pipe cleaners, chenille stems (12),	Labs 3, 6–7, 13, 19, 22, 54, 90
Jar, 8 oz (2), Labs 16–17, 77, 139–140 Jar lid, 8 oz (2), Labs 16–17, 139–140 Labels, self-stick, 1" x 2.5", Labs 117–118	<i>Save 4 of one color for Lab 162</i>	Scissors, Labs 13–15, 44, 46–47, 75, 87–88, 90, 99–100, 124, 127, 150, 162, 174 In
In BG20G5V5MNL	Plaster of paris, 200 ml (7oz), Labs 87–88 Plate, foam, Labs 87–88	BG20GSVS OFFICE
Magnet, Labs 6–7, 16–17	In BG20GSVSPAPERS	Soil, clay, (use for topsoil) Labs 16, 26–27, 42, 75 Soil, potting, Labs 41–42 (2 oz), 51 (8.5 oz) Spoon, measuring (5 ml), Lab 22
In BG20G5V5ELECTRICAL	Plate, paper, Labs 16–17, 30, 107, 163	In BG20GSVSTRAW
Marbles (5), Lab 98	In BG20GSVSPAPERS Protractor, Instr. Aid 6.6	Spoon, plastic,
In BG20G5V5COMPASS	In BG20GSVSPROTRACTOR	Labs 16–17, 20, 41–42, 87–88, 90, 165
Marker, black (non-magnetic),	Pushpin, Labs 63, 173	In BG20GSVSWARES
Labs 20, 23, 37–38, 41, 42, 46–47, 65, 77, 90–91, 101, 104–106, 127, 139–140, 154, 162, 164, 167	In BG20GSVS OFFICE	Sticky note, pad, Labs 1, 53, 67–68, 89, 103, 136, 151 In
In BG20G5V5PROTRACTOR	Rice (100 g), Lab 165	BG20GSVS OFFICE
Markers, colored, set Labs 75, 80, 129, 142, 156, 162, 165 Nail, 6d	In BG20GSVSDRYITEMS Rock, sandstone, Lab 80	Stopwatch, Labs 19, 29, 148, 159, 160, 161, 167 Straw, drinking, Labs 113–114, 131–133, 150,
	In BG20GSVSCOMPASS	
	Rock, set of 10 different, Lab 81	

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In BG20GSVSSTRAW String, 4" (10),
Lab 28
In BG20GSVSTUBING
String, 12", Lab 63
In BG20GSVSTUBING
String, 24" (8), Labs 19, 29, 75, 90,
99–100
In BG20GSVSTUBING
Syringe, plastic (5 ml), Labs
139,140
In BG20GSVSSTRAW
Tape, masking, roll, Labs 4–5,
58–59, 63, 68, 77, 90, 99–100,
101, 113–114, 119, 124, 127,
129, 146–147, 154, 162, 174
Thermometer, Labs 3, 63, 66
In BG20GSVSBURUSH
Tissue paper, various colors, Labs
75, 162
In BG20GSVSPAPERCONST
Toothpick, wooden, Labs 50, 75,
90, 117–118, 174
In BG20GSVSFLASHLIGHTS
Tubing, 3/8", Labs 153, 159, Instr.
Aid 13.3
In BG20GSVSTUBING Tweezers,
Labs 16–17, 30
In BG20GSVSBURUSH
Wax paper (3), Labs 54, 173
In BG20GSVSPAPERCONST
Wire, insulated, copper, Labs 4–5,
6–7,
Instr. Aid 1.7
In BG20GSVSELECTRICAL
Wooden block, Labs 1–2
Wooden skewers (2), Labs 30,
99–100, 131–133
Yarn, 24" pieces (3), Lab 33
In BG20GSVSPAPERCONST

**Images provided are located
at www.LogosScience.com/BJUphotos Dinosaur
skeleton**

Eurasian eagle–owl
Fossils
Knight's armor
*Maps, World
*Maps, United States
Middle age weapons
Mineral crystal
Moon's surface
Peanuts in shell
Spacecraft
*Maps provided are
approximations.

Illustrations by R. L. Nevinczenko

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Materials Not Included

Chapter 1	Balance (substitute provided); Book; Box; Candy (chocolate and sour gummy); Cell phone camera (opt.); Circuit tester; Color interlocking blocks; Container, large, plastic; Hat; Ice; Knife, metal; Knife, plastic; Lab coat; Marker, magnetic; Pennies (SO); Pretzel; Rose, long stem with thorns; Sunglasses; Timer; Water; Wire stripper
Chapter 2	Balance (substitute provided); Bottle, clear, empty, 12 oz; Bread, 2 slices from the same loaf; Color interlocking blocks; Ice cubes; Labels of products in which water is the solvent; Matches; Snack mix; Soft drink, clear, in bottle; Strainer; Tea leaves; Thermometer shapes drawn for display; Timer; Vinegar, white; Water
Chapter 3	Bark; Cell phone camera (opt); Computer; Consumer or decomposer; Container, clear, large, with lid; Containers or buckets, plastic with lids; Highlighter; Hole punch; Plants; Producer; Soil; Spoon, large; Spray bottle; Sticks; Stones; Table covering; Timer; Water
Chapter 4	Bottle, clear, 2 L; Carrots, shredded; Globe or world map; Ice; Information about a recent natural disaster; Lettuce, shredded; Light bulb; Peanuts, in shell (image provided); Plastic wrap; Water
Chapter 5	Articles about biomes and threats to the biome where you live; Balance (substitute provided); Container, clear plastic shoe-sized; Globe; Peat moss; Petroleum jelly; Pictures of various biomes printed on 8.5" x 11" paper with envelopes or bags for each; Pineapple, whole with leaves; Plant or leaves with waxy coating; Plant or leaves without waxy coating; Sponges, thin (2); Timer; Water
Chapter 6	Anemometer; Apple; Articles about severe weather; Banner paper; Barometer; Bottles, 2L clear with cap; Digital presentation tool or materials to make poster display; Duct tape; Fabric, cotton or fleece; Heat lamp, 100 W; Ice cube tray; Match; Materials to create a weather forecast display; Plate or metal dish with flat bottom; Rain gauge; Recorded 5-day forecast; Screwdriver; Seed beads; Shoebox-size clear plastic container; Sponges, one red or pink and one blue, about 4"x6"; Tape; Vegetable peeler or paring knife; Water; Weather map of the US; Weather observation chart from lesson 66; Wind vane
Chapter 7	Apple; Banner paper; Bowl or saucepan; Cardboard; Cell phone camera; Computer; Container; Crispy rice treat; Digital presentation tool or material to make a poster display; Fabric scraps; House plant; Items made from minerals or that use minerals; Knife; Lesson 77 data chart; Marker, fine tip; Mineral crystal (image provided); Nutrition labels; Paper towels; Plastic jewels or foil-wrapped candy pieces; Rock and mineral guide; Self-stick dots (1 O); Shoe box or tissue box; Sieve; Spoon; Water (hot);
Chapter 8	Balance (substitute provided); Banner paper; Computer; Fossil pan (prepared); Hard objects (assorted); Information about dinosaurs from books or internet; Paper towel; Petroleum jelly; Timer; Water
Chapter 9	Apple; Blueberry; Bottle, empty plastic; Box, cardboard; Chocolate squares; Circle-shaped paper; Computer; Craft supplies, assorted; Dowel, wood, 36"; Envelopes (including 1 large); Freeze-dried ice cream; Graham crackers; Globe; Grapes; Grapefruit; Kiwi; Knife; Marsh-mallow; Meterstick; Paint brush; Paper (bulletin board); Peppercorn; Plastic wrap; Polystyrene craft balls, white, assorted sizes; Postcard stamps; Poster paints; Space postcard template; Telescope; Trash bags, black; Watermelon, personal

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Chapter 10	Calendar, 12-month; Cardboard, stiff; Cell phone camera (opt.); Flour; Foam packing materials; Lamp without a shade; Marshmallows, mini; Meterstick; Pizza box; Research materials about the moon's surface; Shoe; Stapler; Water
Chapter 11	Calculator; Cards; Cell phone camera (opt); Hole punch; Lamps without shade (2, one with a 3-way switch), Light bulb, 3-way, Light bulbs 40 W (2); Hammer; Meterstick or tape measure; Potato; Soft drink can; Star maps; Umbrella; Uno® card deck
Chapter 12	Banner paper; Cabbage, head; Computer; Glitter, biodegradable; Hand lotion; Hot plate or stove; Knife; Meterstick; Saucepan; Sieve; Spray bottle; Water
Chapter 13	Banner paper; Bottle, 1 L; Calculator; Containers, small (2); Inhaler; Meterstick; Monkey bars or some activity to increase heart rate; Soft drink bottle (2), Spirometer; Stethoscope; Sticky tack; Timer; Tissues (box of); Vacuum cleaner hose or flexible dryer vent duct
Chapter 14	Banner paper; Beanbag; Bottles, empty, 16.9 oz (4); Buckets; Calculator; Cardboard or foam board; Gelatin mix, orange (2); Maraschino cherries; Marshmallows, mini; Pineapple, crushed; Poster paints; Sheet pan; Sieve; Stapler; Timer; Towel; United States road map; Water
Chapter 15	Calculator; Dry erase markers (2 different colors); Object such as a book per team; Paper triangle; Poster boards (green, red, yellow); Socks with a different object in each (S); Tape, clear

A cell phone may be used as a timer when needed.

All materials not included are marked with an asterisk() on the materials list for each lesson on the following pages.*

Images listed as provided can be found at LogosScience.com/BJUphotos