

HST science lab supplies list for use with:

Physical Science (9), 6th Edition by BJU Press

This order form lists the science equipment and materials Home Science Tools provides that are applicable to the above science curriculum. Items readily available at grocery stores and a few items not offered by Home Science Tools are not included. Home Science Tools is not affiliated with the above curriculum publisher.

Pricing may change any time. Please order on our website for current pricing, availability, and shipping restrictions.

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input type="checkbox"/>	1	BJU Press Physical Science 9 Lab Manual	1A-22B	BJ-SCI09-D	\$31.67
<input type="checkbox"/>	1	BJU Press Physical Science 9 Teacher Edition	1A-22B	BJ-SCI09-C	\$78.89
<input type="checkbox"/>	1	BJU Press Physical Science 9 Teacher's Lab Manual	1A-22B	BJ-SCI09-E	\$36.94
<input type="checkbox"/>	1	BJU Press Physical Science 9 Textbook	1A-22B	BJ-SCI09-B	\$71.11
<input type="checkbox"/>	1	Lab Kit for BJU Press Physical Science 9	1A-22B	BJ-KIT09	\$379.95
			Contains the "X" marked items in the quantity we recommend. Order additional items as necessary to meet your needs.		
<input checked="" type="checkbox"/>	1	Chemical Splash Safety Goggles, Adult	MULTIPLE	CE-GOGGLE1	\$5.45
			We recommend both students and teacher wear chemically resistant goggles when using chemicals. Order extras as needed.		
<input type="checkbox"/>	1	Digital Scale, 2000 g x 0.1 g	MULTIPLE	BS-DB2000	\$50.95
			Scale required for experiment. We recommend this digital scale as a faster, easier-to-use, and more economical alternative to a traditional mechanical balance. It will work for all labs in this curriculum.		
<input checked="" type="checkbox"/>	1	Gloves, Nitrile, Medium, 50 Pairs	MULTIPLE	GS-GLOVNMD	\$34.95
			We recommend both students and teacher wear chemically resistant gloves when using chemicals. Order extras as needed.		
<input checked="" type="checkbox"/>	1	Lab Apron No. 1, vinyl, 6 mil	MULTIPLE	CE-APRON1	\$3.95
			We recommend both students and teacher wear a chemically resistant apron when using chemicals. Order extras as needed.		
<input checked="" type="checkbox"/>	1	Meterstick, 100 cm (kit component)	MULTIPLE	ME-METER3	\$11.95
<input type="checkbox"/>	1	Ruler, 30 cm	MULTIPLE	ME-RULER	\$0.90
<input checked="" type="checkbox"/>	1	Weight Set, Slotted, 250 g	1B	BS-SLOTWT1	\$16.00
<input type="checkbox"/>	1	Digital Stop Watch, 2"	1B, 11B, 12A, 14A, 15B, 17A	ME-STOPWAT	\$5.65
			Use a cell phone.		
<input type="checkbox"/>	1	Tennis ball	1B, 11B, 11C	GS-BALLTNS	\$1.55
			Use any ball approximate to a tennis ball.		
<input checked="" type="checkbox"/>	1	Spring scale, 2000 g/20 Newton	1B, 12B, 13A, 13B	BS-SCALE5	\$3.95
<input checked="" type="checkbox"/>	1	Right Angle Clamp	1B, 15B, 17A	CE-RCLAMP	\$5.60
<input checked="" type="checkbox"/>	1	Rod, steel, 0.25" x 10"	1B, 15B, 17A	GS-RODSTL	\$2.85
<input checked="" type="checkbox"/>	1	Support Stand, 4" x 6" base, 18" rod	1B, 15B, 17A	CE-STAND2	\$15.00
<input checked="" type="checkbox"/>	1	Graduated Cylinder, glass, 100 ml	1B, 1C, 2A, 2B, 6A, 9B, 15A,	CE-CYGL100	\$6.75
<input checked="" type="checkbox"/>	1	Beaker, glass, 100 ml	1B, 2B, 7A, 7B	CE-BEI0100	\$2.20

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input checked="" type="checkbox"/>	2	Graduated Cylinder, glass, 25 ml	1B, 4A, 5A, 6A, 6B	CE-CYGL025	\$5.35
<input type="checkbox"/>	1	Graduated Cylinder, glass, 10 ml	1B, 4A, 6B	CE-CYGL10	\$4.85
<input type="checkbox"/>	1	Beaker, glass, 250 ml	1C, 3A, 15A Use the 25ml graduated cylinder	CE-BEI0250	\$2.75
<input checked="" type="checkbox"/>	1	Pipet, disposable, 1 ml, 10 pack	1C, 6B, 7B	CE-PIPET	\$1.50
<input type="checkbox"/>	1	Cup, clear plastic, 9 oz, 3 pack	2A	CE-BEAKCUP	\$0.70
<input type="checkbox"/>	1	Toy car	2A Activity requires scale model cars.	MC-TOYCAR	\$1.00
<input checked="" type="checkbox"/>	1	String, heavy cord, 25'	2A, 12A, 17A	MC-STRING	\$2.00
<input type="checkbox"/>	1	Red Cabbage Indicator Jiffy Juice Kit	2B See Teacher's Guide for making the red cabbage juice.	KT-JIFFYJU	\$10.50
<input checked="" type="checkbox"/>	1	Clay, modeling, 1/4 lb.	2B, 13B Substitute for poster puddy (13B)	GS-CLAY	\$2.20
<input type="checkbox"/>	1	Sodium Chloride, 30g	2B, 3A, 5A, 5B, 9A, 9B Use household table salt	CH-NACL	\$2.90
<input checked="" type="checkbox"/>	1	Erlenmeyer Flask, 250 ml	2B, 5A, 6A, 9B You can get by with one flask by doing the steps of the labs in parts (5A & 9B)	CE-FLAI250	\$4.55
<input type="checkbox"/>	1	Baking soda, food grade, 1 lb or 450g	2B, 6A Use household baking soda	CH-BKGSODA	\$1.95
<input type="checkbox"/>	1	Electric Hot Plate	2B, 6A, 15A, 15B Use a pan and stove to complete experiment.	CE-HOTELEC	\$23.50
<input type="checkbox"/>	1	Heat-Resistant Leather Gloves	2B, 6A, 15A Use an oven mitt.	CE-GLVLEAM	\$12.00
<input type="checkbox"/>	1	Wire Gauze, ceramic center, 4"	2B, 6A, 15A, 15B Use a hot pad.	CE-GAUZE4	\$1.85
<input type="checkbox"/>	1	Measuring Spoons, Set of 6	2B, 7A, 7B	CE-MESPOON	\$3.50
<input checked="" type="checkbox"/>	1	Thermometer, Celsius, 12"	2B, 9B, 15A, 15B	ME-THER30B	\$3.05
<input checked="" type="checkbox"/>	1	Butane Gas Fuel Refill, 57 g (100 ml)	3A	UN-BUTFUEL	\$5.75
<input type="checkbox"/>	1	Butane Lighter, long reach	3A	CE-LIGHTBU	\$2.50
<input checked="" type="checkbox"/>	1	Lithium Chloride, 30 g	3A	CH-LICL	\$7.25
<input checked="" type="checkbox"/>	1	Portable Micro Lab Burner	3A	CE-BURNLAB	\$54.95
<input checked="" type="checkbox"/>	1	Strontium Chloride, 10 g	3A	CH-SRCL2	\$4.75
<input checked="" type="checkbox"/>	1	Wooden Splints, 20 pack	3A	CE-SPLINTS	\$1.60
<input checked="" type="checkbox"/>	1	Copper II Chloride (cupric), 30 g	3A, 5A, 5B	UN2802	\$4.60
<input checked="" type="checkbox"/>	1	Potassium Chloride, 30 g	3A, 5A, 5B, 9B	CH-KCL	\$3.45
<input checked="" type="checkbox"/>	1	Calcium Chloride, 30 g	3A, 7B	CH-CACL2	\$3.75
<input checked="" type="checkbox"/>	1	Copper, metal electrode, 4"	4A Substitute for the copper shot	EL-ELECTCU	\$2.00
<input checked="" type="checkbox"/>	1	Iron, metal electrode, 4"	4A Substitute for the iron nails	EL-ELECTFE	\$2.00
<input checked="" type="checkbox"/>	1	Zinc, metal electrode, 4"	4A Use Zinc (Atomic Number 30) in place of chromium chunk	EL-ELECTZN	\$1.50
<input type="checkbox"/>	1	Candle, tea light	5A	OP-CANDTEA	\$0.65
<input type="checkbox"/>	1	Erlenmeyer Flask, 100 ml	5A Use the 250ml erlenmeyer flask	CE-FLAI100	\$2.95
<input type="checkbox"/>	1	Graduated Cylinder, glass, 50 ml	5A Use the 25ml graduated cylinder	CE-CYGL050	\$5.65

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<input checked="" type="checkbox"/>	1	Methyl Cellulose, 1.5%, 30 ml	5A	CH-METHCEL	\$3.70
<input type="checkbox"/>	1	Weighing Paper, 4" x 4", 500 sheets	5A	BS-WHPAPR4	\$10.00
<input type="checkbox"/>	1	Vegetable Oil, 6 oz. (sold only in kits)	5A, 5B	CH-VEGEOIL	\$3.40
<input checked="" type="checkbox"/>	1	Sodium Bicarbonate, 30g	5A, 5B, 7A, 7B	CH-NAHCO3	\$3.30
<input type="checkbox"/>	1	Wax pencil (marks glass)	5A, 5B, 9B	BE-WAXPENC	\$1.60
<input type="checkbox"/>	1	Spatula, stainless steel	5A, 6A	CE-SPATULA	\$2.10
<input type="checkbox"/>	1	Starch, water soluble, 30 g	5B	CH-STARCH	\$4.65
<input checked="" type="checkbox"/>	1	Banana to Alligator Leads, 36"	5B, 19A, 19B, 19C	EL-BAN2ALL	\$6.90
<input checked="" type="checkbox"/>	1	Digital Multimeter	5B, 19A, 19B, 19C	EL-DIGMULT	\$14.95
<input type="checkbox"/>	1	Beaker, glass, 50 ml	5B, 7B, 18A	CE-BEI0050	\$2.10
<input checked="" type="checkbox"/>	1	Filter Paper, 11 cm, 10 pack	6A	CE-FILTPAP	\$1.45
<input checked="" type="checkbox"/>	1	Funnel, plastic, 65 mm dia.	6A	CE-FUNNEL	\$1.40
<input type="checkbox"/>	1	Stirring Rod, glass, 10"	6A	CE-STIR10	\$0.90
<input checked="" type="checkbox"/>	1	pH Papers, 1-14 range, 80 pack	6A, 10A	CH-PHSTRIP	\$1.95
<input checked="" type="checkbox"/>	1	Beaker, glass, 400 ml	6A, 15B	CE-BEI0400	\$3.30
<input type="checkbox"/>	1	Acetone, 30 ml	6B	UN1090	\$4.50
<input type="checkbox"/>	1	Beaker, glass, 150 ml	6B	CE-BEI0150	\$2.50
<input checked="" type="checkbox"/>	1	Biuret Reagent, 30 ml	6B	UN-BIURET	\$3.55
<input type="checkbox"/>	1	Mortar and Pestle, 80 ml	6B	CE-MORTAR	\$4.35
<input type="checkbox"/>	1	Test Tube Rack, 25 mm, 24 holes	6B	CE-TTR2524	\$6.85
<input checked="" type="checkbox"/>	1	Test Tubes, small 13 x 100 mm, 6/pack	6B	CE-TTUBESM	\$3.60
<input checked="" type="checkbox"/>	1	Limewater, 500 ml	7A	CH-CAOH500	\$4.85
<input checked="" type="checkbox"/>	1	Rubber Stopper, # 6.5, 1-hole	7A	CE-STOP06A	\$0.90
<input checked="" type="checkbox"/>	1	Universal Indicator, 30 ml	7A	UN-UNIVERS	\$5.85
<input checked="" type="checkbox"/>	2	Vinyl Tubing, 4.8 mm, 5' long	7A, 16A	CE-TUBEPL5	\$3.30
<input type="checkbox"/>	1	5x7 ziplock bags, 2 mil	7B	PK-ZIP5X7	\$0.20
<input checked="" type="checkbox"/>	1	Phenol red pH indicator, 30 ml	7B	CH-PHENRED	\$3.55
<input type="checkbox"/>	1	Colored Pencils	8A	BE-CPENCIL	\$2.75
<input checked="" type="checkbox"/>	1	Sand, coarse, 1 lb	9A	GS-SANDCRS	\$1.50
<input checked="" type="checkbox"/>	1	Iron Filings, 12 oz.	9A, 20A	MG-IRONBLK	\$7.60
<input checked="" type="checkbox"/>	1	Magnesium Chloride, 30 g	9B	CH-MGCL2	\$2.65
<input checked="" type="checkbox"/>	1	Antacid Tablets, 12 pack	10A	CH-ANTAC12	\$1.85
<input type="checkbox"/>	1	Beaker, polypropylene, 500 ml	10A	CE-BEA500P	\$3.05
<input type="checkbox"/>	1	Cup, clear plastic, 9 oz, 3 pack	10A	CE-BEAKCUP	\$0.70

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input checked="" type="checkbox"/>	1	Hydrochloric Acid, 30 ml	10A Follow preparation instructions in Teacher's Guide.	UN1789	\$5.90
<input checked="" type="checkbox"/>	1	Sodium Hydroxide, 30 g	10A Follow preparation instructions in Teacher's Guide.	UN1823	\$5.65
<input type="checkbox"/>	1	Wash Bottle, 250 ml, Narrow Mouth	10A Optional wash bottle to clean pH meter.	CE-WASHBTL	\$3.95
<input type="checkbox"/>	1	pH Meter, Digital, 0-14 pH range	10A, 10B pH probe can be substituted for Labdisc Gensci in Activites 10A and 10B. Refer to Teacher's Guide for alternatives to using Labdisc Gensci. All necessary materials for alternatives are provided and referenced in this kit.	ME-PHMETER	\$32.50
<input checked="" type="checkbox"/>	1	Protractor, 6" semi-circle	11A, 17A, 22A	ME-PROTRSM	\$0.95
<input checked="" type="checkbox"/>	1	Pulley with Table Clamp	12A, 13A	MC-PULLY3	\$8.55
<input checked="" type="checkbox"/>	1	Hall's Cart	12A, 13B	MC-HALLCAR	\$12.00
<input checked="" type="checkbox"/>	1	Weight Set, Slotted, 250 g	12A, 17A	BS-SLOTWT1	\$16.00
<input checked="" type="checkbox"/>	1	Friction Block, wood	12B	MC-BLOCK1	\$4.35
<input type="checkbox"/>	1	Weight, 500 g, with hook	12B, 13A, 13B Refer to Teacher Guide for substitute of cups with screws and washers to make desired weights.	BS-WTE500	\$9.95
<input checked="" type="checkbox"/>	2	Pulley, Double Tandem, 48mm	13A	MC-PULLY2	\$2.50
<input checked="" type="checkbox"/>	1	Wood Ramp, economy	13B	MC-RAMP1	\$6.85
<input type="checkbox"/>	1	Body Weight Scale, Economy	14A Use a household scale	BS-BODYSC	\$15.95
<input type="checkbox"/>	1	Rubber band, size 16	14B	PT-RUBBA16	\$0.05
<input checked="" type="checkbox"/>	1	Spool, wooden , 1" x 3/4"	14B	PT-SPOOL	\$0.50
<input checked="" type="checkbox"/>	1	Washers, 1" diameter, each	14B	PT-WASHBLK	\$0.25
<input checked="" type="checkbox"/>	1	Dowel, 1/8", 12" long (sold only in kits)	14B, 16A For peg, cut 1 cm piece from dowel	PT-DOWL125	\$0.30
<input type="checkbox"/>	1	Styrofoam Cup, 8 oz, each	15A	PT-STYRCUP	\$0.15
<input type="checkbox"/>	1	Deluxe Lab Hot Plate with Magnetic Stirrer	15B Use a stove and pan to complete experiment.	CE-HOTSTR2	\$189.95
<input type="checkbox"/>	1	Beaker, glass, 600 ml	16A Use any large containers	CE-BEI0600	\$5.20
<input type="checkbox"/>	1	Ring Support, 4"	17A Use the steel rod, GS-RODSTL	CE-RING4	\$6.95
<input checked="" type="checkbox"/>	1	Buzzer, piezo-electric, DC	18A	EL-BUZZER	\$3.50
<input checked="" type="checkbox"/>	1	Tuning Fork, B, 480 cps	18A	MC-TF0480	\$4.55
<input checked="" type="checkbox"/>	3	Battery Holder for AA Cells, 2x AA	19A, 19B, 19C, 20B	EL-BATHAA1	\$0.95
<input checked="" type="checkbox"/>	2	Battery, AA, alkaline, 4 pack	19A, 19B, 19C, 20B Use instead of a variable DC power supply	EL-BALK-AA	\$2.70
<input checked="" type="checkbox"/>	1	Breadboard, 400 point, solderless, plug in	19A, 19B, 19C The hole row# are relative in the activity manual and can be adjusted. A smaller breadboard has been provided in the kit.	EL-BREADBD	\$5.70
<input checked="" type="checkbox"/>	1	Jumper Wire, pre-formed, set of 70	19A, 19B, 19C	EL-JWPFSET	\$8.95
<input checked="" type="checkbox"/>	1	Resistors, set of 20, 0.25 watt	19A, 19B, 19C	EL-RESKIT1	\$5.40
<input checked="" type="checkbox"/>	3	LED, red, diffuse type, 5 mm	19B, 19C	EL-LEDRED	\$0.30
<input checked="" type="checkbox"/>	1	Bar Magnets, 1.2" ceramic, 2 pack	20A	MG-BAR1C	\$1.70

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input checked="" type="checkbox"/>	1	Card stock, 110#, 8-1/2" x 11", white	20A	PT-CARDSTK	\$0.35
<input checked="" type="checkbox"/>	1	Compass, magnetic, 1.5"	20A	GS-COMPASS	\$3.00
<input type="checkbox"/>	1	Paper Clips, small, 100/box	20A	GS-PCLIPSM	\$0.60
<input checked="" type="checkbox"/>	1	Copper Wire, insulated, #24, 15'	20B	EL-WIRE24H	\$2.35
<input type="checkbox"/>	1	Construction paper, white	21A	PT-PAPCSWH	\$0.10
<input type="checkbox"/>	1	LED Flashlight, 25 Lumens	21A, 21B Use computer paper	OP-LIGHT4	\$6.15
<input checked="" type="checkbox"/>	1	Diffraction Grating, 500 lines/mm	21B	OP-DFG0500	\$1.70
<input checked="" type="checkbox"/>	1	Mirror, glass plane, 4"x 2"	22A	OP-MIRROR4	\$1.50
<input checked="" type="checkbox"/>	5	Round Push Pin, Blue, 1/8 inch,	22A	PT-PINBLU	\$0.10
<input checked="" type="checkbox"/>	1	Candle, 4" white	22B	OP-CANDLE	\$1.00
<input checked="" type="checkbox"/>	1	Lens, double convex, 150mm f/l	22B	OP-LEN4X15	\$1.75
<input checked="" type="checkbox"/>	1	Optic Bench Lens Holder, metal	22B	OP-LENHLDS	\$2.35
<input checked="" type="checkbox"/>	1	Optic bench object marker	22B	OP-OBJMARK	\$1.90
<input checked="" type="checkbox"/>	1	Optic Bench Object Screen	22B	OP-SCREEN	\$1.00
<input checked="" type="checkbox"/>	1	Optic Bench Screen Holder	22B	OP-SCRNHLD	\$2.30
<input checked="" type="checkbox"/>	1	Optic Bench Supports, pair	22B	OP-SUPPORT	\$4.15

Please Read Before Ordering

1. The products on this form are intended for parent/teacher use to complete curriculum lab activities with students. It includes items that are not designed or intended primarily for children ages 12 and under.
2. Some materials and many chemicals we provide are dangerous and may be harmful if misused. When you order from us, you are verifying that you understand the hazards associated with these items, and that you are assuming all responsibility for any injuries or damages resulting from the storage, use, and disposal of these items.
3. Prices may change any time. Order on our website for current pricing, availability, and shipping restrictions.
4. We guarantee that you will be happy with every purchase from HST. All products are covered by our 90-day money-back guarantee.