

HST science lab supplies list for use with:

Physics for Christian Schools® (12), 3rd Edition by Bob Jones University 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	Lab Kit for Bob Jones Physics 12	2 to 29-2 Contains all "X" marked items. Order additional items as necessary to meet your needs.	BJ-KIT12	\$376.95
<input type="checkbox"/>	1	Bob Jones Physics 12 Lab Manual	All Labs	BJ-SCI12-D	\$30.80
<input type="checkbox"/>	1	Bob Jones Physics 12 Teacher's Edition	All Labs	BJ-SCI12-C	\$76.65
<input type="checkbox"/>	1	Bob Jones Physics 12 Teacher's Lab Manual	All Labs	BJ-SCI12-E	\$35.80
<input type="checkbox"/>	1	Bob Jones Physics 12 Textbook	All Labs	BJ-SCI12-B	\$69.15
<input type="checkbox"/>	1	Digital Scale, 2000 g x 0.1 g	Several Labs 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.	BS-DB2000	\$52.95
<input checked="" type="checkbox"/>	1	Meterstick, 100 cm	Several Labs	ME-METER2	\$11.50
<input checked="" type="checkbox"/>	1	Protractor, 6" semi-circle	Several Labs	ME-PROTRSM	\$0.85
<input checked="" type="checkbox"/>	1	Ruler, 30 cm	Several Labs	ME-RULER	\$0.90
<input checked="" type="checkbox"/>	1	String, heavy cord, 25'	Several Labs	MC-STRING	\$1.80
<input checked="" type="checkbox"/>	1	Weight Set, Hooked 10 to 1000g	Several Labs	BS-WTHOOK1	\$40.95
<input type="checkbox"/>	1	Vernier Caliper	2 Optional. Use to obtain more accurate measurements of objects in lab 2.	ME-CALIPER	\$6.75
<input checked="" type="checkbox"/>	1	Graduated Cylinder, polypropylene, 100 ml	2,13,15,17	CE-CYPP100	\$4.15
<input checked="" type="checkbox"/>	1	Density Cylinders Set of 4	2,17	MC-DENSCYL	\$10.75
<input checked="" type="checkbox"/>	1	Recording Spark Timer	3-1,8,11	MC-TIMERSP	\$34.95
<input checked="" type="checkbox"/>	1	Collision in 2 Dimensions Kit	5,7	MC-COLL2D	\$19.50
<input checked="" type="checkbox"/>	1	Washers, 7/8", 10 pack	5,7 Use with string to make a plum bob for lab 5 and as weights in lab 7.	PT-WASHERS	\$1.70
<input checked="" type="checkbox"/>	1	Digital Stop Watch with Case, 2"	5,7,12-1	ME-STOPWAT	\$5.50
<input type="checkbox"/>	1	Wood Ramp, economy	5,8 We recommend a low cost wooden board 6"x40".	MC-RAMP1	\$6.50
<input checked="" type="checkbox"/>	2	C-clamp, 2"	5,8,12-2	GS-CLAMP	\$3.95
<input checked="" type="checkbox"/>	1	Paper Clips, small, 100/box	6,11	GS-PCLIPSM	\$0.60
<input checked="" type="checkbox"/>	3	Pulley with Table Clamp	6,8 Use to make a force table.	MC-PULLY3	\$8.75
<input checked="" type="checkbox"/>	1	Rubber Stopper, #6.5, 2-hole	7	CE-STOP06B	\$0.90
<input checked="" type="checkbox"/>	1	Spring scale, 1000 g/10 Newton	7,10	BS-SCALE3	\$4.10
<input checked="" type="checkbox"/>	1	Glass Tube, 5 mm, 6" long	7,12-2	CE-TUBEG6	\$0.70
<input checked="" type="checkbox"/>	1	Hall's Cart	8	MC-HALLCAR	\$12.30

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input checked="" type="checkbox"/>	1	Support Stand, 4" x 6" base, 18" rod	8,9,10,12-2,18,22-1	CE-STAND2	\$13.95
<input checked="" type="checkbox"/>	1	Rod, steel, 0.25" x 10"	8,9,10,17,18	GS-RODSTL	\$2.90
<input checked="" type="checkbox"/>	1	Right Angle Clamp	8,9,10,18	CE-RCLAMP	\$5.50
<input checked="" type="checkbox"/>	1	Hooke's Law spring, 10 cm	9	MC-SPRHOOK	\$2.00
<input checked="" type="checkbox"/>	2	Pulley, Double Tandem, 48mm	10	MC-PULLY2	\$2.90
<input type="checkbox"/>	1	Dynamic carts, set of 2	11	MC-DYNCART	\$59.95
<input type="checkbox"/>	1	Percussion or Reflex Hammer	12-2 Optional. Standard roller skates or model railroad cars may be substituted.	MC-PERCHAM	\$4.25
<input checked="" type="checkbox"/>	1	Sound Measurement Kit	12-2 Optional. Not recommended. You can tap the tuning fork on a wood block.	MC-SOUNKIT	\$19.95
<input checked="" type="checkbox"/>	1	Thermometer, Celsius, 12"	12-2, 14-2	ME-THER30B	\$3.05
<input checked="" type="checkbox"/>	1	Burette Clamp	12-2,22-1	CE-CLAMP	\$6.90
<input checked="" type="checkbox"/>	1	Oleic Acid, 30 ml	13	CH-OLEIC	\$5.00
<input checked="" type="checkbox"/>	1	Pipet (medicine dropper)	13	CE-DROPPER	\$0.45
<input checked="" type="checkbox"/>	1	Talc, 30 g	13	CH-TALC	\$3.70
<input checked="" type="checkbox"/>	1	Beaker, glass, 50 ml	13, 15, 17	CE-BEI0050	\$1.80
<input type="checkbox"/>	0	Beaker, glass, 250 ml	14-1	CE-BEI0250	\$2.30
<input type="checkbox"/>	1	Alcohol Lamp Burner, Wickless	14-2 Use instead of lycopodium powder.	CE-LAMP	\$11.50
<input type="checkbox"/>	1	Alcohol Lamp Stand	14-2 Use a stove burner instead.	CE-STAND1	\$3.60
<input type="checkbox"/>	2	Beaker, glass, 1000 ml	14-2 Use a stove burner instead.	CE-BEI1000	\$8.30
<input type="checkbox"/>	2	Ethyl Alcohol, 95%, 30 ml	14-2 Use a small saucepan and another container instead.	UN-ETHYALC	\$5.00
<input checked="" type="checkbox"/>	1	Boyle's Law Apparatus Kit	14-2, 14-3	MC-BOYLES	\$13.95
<input type="checkbox"/>	1	Calorimeter, Double Wall	15	CE-CALORIM	\$12.95
<input checked="" type="checkbox"/>	1	Styrofoam Cups, 8 oz, 5 pack	15 Not needed with styrofoam cups.	CE-CUPSTYR	\$1.00
<input checked="" type="checkbox"/>	1	Overflow can	17 Recommended instead of a calorimeter.	MC-OVERFLW	\$7.95
<input type="checkbox"/>	1	Wood block, 1.5 x 1.5 x 0.75"	17 Use any appropriate sized wood block.	GS-WOODMD	\$0.75
<input checked="" type="checkbox"/>	1	Electroscope, Pith Ball Type	18 Includes pith balls.	EL-ELSCOPE	\$6.70
<input checked="" type="checkbox"/>	1	Friction pad, fur, about 4x5"	18	GS-PADFUR	\$3.20
<input checked="" type="checkbox"/>	1	Friction pad, silk, 6x6"	18	GS-PADSILK	\$1.95
<input checked="" type="checkbox"/>	1	Friction rod, glass, 0.25" x 10"	18	GS-RODGLAS	\$1.00
<input checked="" type="checkbox"/>	1	Friction rod, rubber	18	GS-RODRUB	\$3.10
<input checked="" type="checkbox"/>	1	Battery, 9-volt, alkaline	20-1,20-2,20-3,22-2	EL-BALK-9V	\$2.95
<input type="checkbox"/>	1	Digital Multimeter	20-1,20-2,20-3,22-1,22-2,26 Additional digital multimeter can be used in place of a voltmeter.	EL-DIGMULT	\$14.95

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<input checked="" type="checkbox"/>	1	Digital Multimeter	20-1,20-2,20-3,22-1,22-2,26 Use in lab 22-1 as the ammeter.	EL-DIGMULT	\$14.95
<input checked="" type="checkbox"/>	1	Electronics Lab 50-in-1	20-1,20-2,20-3,22-2	EL-LABCENT	\$24.95
<input checked="" type="checkbox"/>	1	Bar Magnets, 3" Alnico I, 2 pack	21	MG-BAR3AL	\$8.50
<input checked="" type="checkbox"/>	2	Compass, magnetic, 1.5"	21	GS-COMPASS	\$2.90
<input checked="" type="checkbox"/>	1	Copper Wire, insulated, #24, 15'	21, 22-1 Use to make the Ampere's rule apparatus.	EL-WIRE24H	\$2.15
<input checked="" type="checkbox"/>	1	Battery, 6 volt	21,22-1	EL-BATT6	\$6.75
<input checked="" type="checkbox"/>	2	Alligator Clip Leads, 2 pack	21,26	EL-ALCLIP2	\$2.00
<input checked="" type="checkbox"/>	1	Potentiometer, 1000 ohm	22-1 Use instead of the lab rheostat.	EL-POT100R	\$3.00
<input checked="" type="checkbox"/>	1	Small DC Motor, 0.5-6 volt	22-1 Tape to the support rod instead of buying another clamp.	EL-MOTOR	\$3.20
<input checked="" type="checkbox"/>	1	Spool, wooden , 1" x 3/4"	22-1	PT-SPOOL	\$0.50
<input checked="" type="checkbox"/>	1	Switch, knife type, SPST	22-1	EL-SWITCH2	\$2.35
<input checked="" type="checkbox"/>	1	Mirror, glass plane, 4"x 4"	23-1,24-1	OP-MIRROR3	\$2.00
<input checked="" type="checkbox"/>	1	Refraction Box, semi-circle	23-1,24-1	OP-REFRAC3	\$3.60
<input type="checkbox"/>	1	Candle, 4" white	23-2 Use any candle.	OP-CANDLE	\$1.00
<input checked="" type="checkbox"/>	1	Mirror, concave, 200 mm fl	23-2	OP-MIR4X20	\$2.35
<input checked="" type="checkbox"/>	1	Optic Bench Lens Holder, metal	23-2,24-2	OP-LENHLD5	\$2.35
<input checked="" type="checkbox"/>	1	Optic Bench Object Screen	23-2,24-2	OP-SCREEN	\$1.00
<input checked="" type="checkbox"/>	1	Optic Bench Screen Holder	23-2,24-2	OP-SCRNHLD	\$2.30
<input checked="" type="checkbox"/>	1	Optic Bench Supports, pair	23-2,24-2	OP-SUPPORT	\$4.40
<input checked="" type="checkbox"/>	1	Lens, double convex, 150mm f/l	24-2	OP-LEN4X15	\$1.75
<input checked="" type="checkbox"/>	1	Deluxe Red Laser Pointer	25	OP-LASRED	\$14.95
<input checked="" type="checkbox"/>	1	Solar Cell, 1 volt, 500 ma	26	EL-SUNCELL	\$10.95

Please Read Before Ordering

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