

HST science lab supplies list for use with:

## Physics: The Foundational Science (12) 2nd Edition by A Beka Book

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.

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In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input type="checkbox"/>	1	Lab Kit for use with A Beka Physics Grade 12	1-20	AB-KIT12	\$219.95
<input checked="" type="checkbox"/>	1	Tape Measure, Steel, 3 meters	1,5,8,9,12,15,16	ME-TAPEMEA	\$2.85
<input type="checkbox"/>	1	Meterstick, 100 cm	1,7,12,15 Included in the KT-OPBENCH.	ME-METER2	\$12.50
<input checked="" type="checkbox"/>	1	Optic Bench Kit	1,7,12,15	KT-OPBENCH	\$31.00
<input checked="" type="checkbox"/>	2	Graduated Cylinder, polypropylene, 50 ml	2,11	CE-CYPP50	\$2.60
<input checked="" type="checkbox"/>	1	Density Cylinders Set of 4	2,3	MC-DENSCYL	\$12.00
<input checked="" type="checkbox"/>	1	Vernier Caliper	2,3,4	ME-CALIPER	\$6.45
<input type="checkbox"/>	0	Digital Platform Scale, 3000 g x 0.1 g	2,3,6,9,10 We recommend this digital scale as a faster, easier-to-use, and more economical alternative to a traditional mechanical balance.	BS-DBX3000	\$35.00
<input checked="" type="checkbox"/>	1	Sand, coarse, 1 lb	2,4 Use to make weights for Labs 4,6,7,8 & 11.	GS-SANDCRS	\$1.50
<input checked="" type="checkbox"/>	1	Sand, coarse, 4 oz.	2,4 Use to make weights for Labs 4,6,7,8 & 11.	GS-SAND4OZ	\$1.20
<input checked="" type="checkbox"/>	1	Cup, clear plastic, 9 oz, 3 pack	3 These inexpensive cups will work instead of a beaker for this lab.	CE-BEAKCUP	\$0.70
<input type="checkbox"/>	1	Graduated Cylinder, polypropylene, 100 ml	3 Use the 50ml graduated cylinder.	CE-CYPP100	\$4.65
<input checked="" type="checkbox"/>	1	Spring scale, 100 g/1 N	3	BS-SCALE4	\$3.95
<input checked="" type="checkbox"/>	2	String, heavy cord, 25'	3,4,5,6,8,9,10	MC-STRING	\$2.00
<input type="checkbox"/>	2	Weight, 50 g, with hook	4 Make your own 50, 100, 200 & 500 gram weights using a scale, sand, a rubber band and plastic bags.	BS-WTE050	\$2.75
<input checked="" type="checkbox"/>	2	C-clamp, 2"	4,5	GS-CLAMP	\$3.15
<input checked="" type="checkbox"/>	1	Foam Ball Blaster	5 Use the launcher with a stopwatch & protractor to complete experiment.	MC-PROLAUN2	\$16.00
<input checked="" type="checkbox"/>	1	Washers, 1", 5 pack	5	GS-WASHERS	\$1.25
<input checked="" type="checkbox"/>	1	Protractor, 6" semi-circle	5,6,8,12,14	ME-PROTRSM	\$0.95
<input checked="" type="checkbox"/>	1	Digital Stop Watch, 2"	5,8,10,12	ME-STOPWAT	\$5.65
<input checked="" type="checkbox"/>	1	Friction Block, wood	6	MC-BLOCK1	\$4.35
<input checked="" type="checkbox"/>	1	Spring scale, 500 g/5 Newton	6	BS-SCALE2	\$3.95
<input checked="" type="checkbox"/>	1	Wood Ramp, economy	6,7	MC-RAMP1	\$6.85

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<input type="checkbox"/>	1	Weight Set, Hooked 10 to 1000g	6,7,8 Make your own 50, 100, 200 & 500 gram weights using a scale, sand, a rubber band and plastic bags.	BS-WTHOOK1	\$43.95
<input checked="" type="checkbox"/>	1	Burette Clamp	7	CE-CLAMP	\$6.95
<input checked="" type="checkbox"/>	1	Hooke's Law spring, 10 cm	7	MC-SPRHOOK	\$2.50
<input checked="" type="checkbox"/>	2	Rubber band, size 32	7	PT-RUBBA32	\$0.15
<input checked="" type="checkbox"/>	1	Support Stand, 4" x 6" base, 18" rod	7,8,9	CE-STAND2	\$15.00
<input checked="" type="checkbox"/>	1	Ball, wood, 2" diameter	9	PT-BALLWD2	\$2.30
<input checked="" type="checkbox"/>	2	Ball, wood, 3" diameter	9	PT-BALLWD3	\$6.60
<input checked="" type="checkbox"/>	3	Screw eye, brass, 9/16"	9	PT-SCREYE2	\$0.10
<input checked="" type="checkbox"/>	1	Centripetal Force Kit	10 Use the Centripetal Force Kit to study concepts in Lab 10.	MC-CENTRIP	\$9.45
<input type="checkbox"/>	1	Alcohol Lamp Burner, Wickless	11 Optional. A stove burner works fine for this lab.	CE-LAMP	\$12.50
<input type="checkbox"/>	1	Beaker Tongs	11 Kitchen tongs or a hot pad will work.	CE-TONBEAK	\$6.65
<input checked="" type="checkbox"/>	2	Beaker, glass, 250 ml	11	CE-BEI0250	\$2.75
<input type="checkbox"/>	1	Denatured Alcohol Fuel, 16 ounces	11 Use a microwave or stove to heat the water for this lab.	UN-ALCFUEL	\$8.50
<input checked="" type="checkbox"/>	1	Styrofoam Cups, 8 oz, with lids 5 pack	11	CE-CUPSTYR	\$1.00
<input checked="" type="checkbox"/>	1	Thermometer, Celsius, 12"	11	ME-THER30B	\$3.05
<input checked="" type="checkbox"/>	1	Rubber Stopper, #0, solid	12	CE-STOP0XC	\$0.35
<input checked="" type="checkbox"/>	2	Clay, modeling, 1/4 lb.	12,13 Substitute clay for paraffin blocks in Lab 12 and use as mirror stands in Lab 13.	GS-CLAY	\$2.20
<input checked="" type="checkbox"/>	2	Glass Plate, 5" x 5"	12,14 Create your own ripple tank with instructions in the lab book.	CE-GLASS5	\$2.00
<input checked="" type="checkbox"/>	1	Deluxe Red Laser Pointer	13	OP-LASRED	\$15.00
<input checked="" type="checkbox"/>	4	Mirror, glass plane, 4"x 2"	13	OP-MIRROR4	\$1.50
<input checked="" type="checkbox"/>	1	Prism, glass, 25mm x 75mm	14	OP-PRISM	\$7.80
<input checked="" type="checkbox"/>	1	Balloon Set of 9	16	GS-BALLOON	\$1.80
<input checked="" type="checkbox"/>	1	Copper Wire, insulated, #24, 15'	16,17,18	EL-WIRE24H	\$2.35
<input checked="" type="checkbox"/>	1	Bar Magnets, 3" Alnico I, 2 pack	17	MG-BAR3AL	\$8.90
<input checked="" type="checkbox"/>	1	Battery, 9-volt, alkaline	17	EL-BALK-9V	\$2.95
<input checked="" type="checkbox"/>	1	Iron Metal Filings, 30 g	17	CH-IRON	\$2.40
<input checked="" type="checkbox"/>	1	Battery, 6 volt	18,19,20	EL-BATT6	\$8.55
<input checked="" type="checkbox"/>	3	Alligator Clip Leads, 2 pack	18,20	EL-ALCLIP2	\$2.20
<input checked="" type="checkbox"/>	1	Digital Multimeter	19	EL-DIGMULT	\$14.95

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**Please Read Before Ordering**

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