

HST science lab supplies list for use with:

Science Lifepac® Grade 8 by Alpha Omega Publications

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
☐	1	Lab Kit for LIFEPAK Science Grade 8	1-10 Contains the "X" marked items in the quantity we recommend. Order additional items as necessary to meet your needs.	AO-KIT0800	\$129.95
☐	1	Home LED Microscope	9 We recommend this microscope as the best choice for most home schools. It will provide excellent service through high school. See our catalog or website for other microscope options.	MI-4100LST	\$234.95
☒	1	Graduated Cylinder, polypropylene, 100 ml	1,2,10	CE-CYPP100	\$4.75
☐	1	Digital Scale, 2000 g x 0.1 g	1,2,3,10 The listed spring scale can be used instead of a balance for most experiments in this course. We recommend this digital scale as a faster, easier-to-use, and more economical alternative to a traditional mechanical balance for all labs in this curriculum.	BS-DB2000	\$51.95
☒	1	Ruler, 30 cm	1,2,8,9,10	ME-RULER	\$0.90
☒	1	Filter Paper, 11 cm, 10 pack	2	CE-FILTPAP	\$1.50
☒	1	Funnel, plastic, 65 mm dia.	2	CE-FUNNEL	\$1.45
☒	1	Marbles, pack of 15	2	GS-MARBLSM	\$2.05
☒	1	Sand, coarse, 1 lb	2	GS-SANDCRS	\$1.55
☒	1	Test Tube Clamp	2,3	CE-TUBHOLD	\$2.05
☒	1	Alcohol Lamp Stand	2,3,10 Use instead of ring stand and accessories.	CE-STAND1	\$3.85
☐	0	Ring Support, 4"	2,3,10 Optional. Can be used instead of alcohol lamp stand.	CE-RING4	\$7.10
☐	0	Support Stand, 4" x 6" base, 18" rod	2,3,10 Optional. Can be used instead of alcohol lamp stand.	CE-STAND2	\$14.95
☒	2	Thermometer, Celsius, 12"	2,3,10	ME-THER30B	\$3.10
☐	0	Wire Gauze, ceramic center, 5"	2,3,10 Optional. Can be used instead of alcohol lamp stand.	CE-GAUZE	\$2.10
☐	1	Test Tube Rack, 25 mm, 24 holes	2,3,4 Optional. Helpful to hold test tubes upright while working. You can use a beaker instead.	CE-TTR2524	\$6.95
☒	1	Test Tubes, small 13 x 100 mm, 6/pack	2,3,4	CE-TTUBESM	\$3.70
☒	1	Alcohol Lamp Burner, Wickless	2,3,4,10 Use instead of hot plate and Bunsen burner.	CE-LAMP	\$12.95

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
☐	1	Denatured Alcohol Fuel, 16 ounces	2,3,4,10 Optional. Order only if you don't want to purchase denatured alcohol locally for the alcohol lamp.	UN-ALCFUEL	\$8.70
☐	2	Ethyl Alcohol, 95%, 30 ml	2,3,4,10 Optional. Order only if you don't want to purchase denatured alcohol locally for the alcohol lamp.	UN-ETHYALC	\$5.30
☒	1	Beaker, glass, 250 ml	2,3,4,9,10	CE-BEI0250	\$2.80
☒	2	Beaker, polypropylene, 250 ml	2,3,4,9,10	CE-BEA250P	\$2.25
☒	1	Nail assortment, 30 pieces	2,6	GS-NAILS	\$1.65
☒	1	Iron Metal Filings, 30 g	2,6,10	CH-IRON	\$2.45
☒	1	Paper Clips, small, 100/box	2,7	GS-PCLIPSM	\$0.60
☒	1	String, heavy cord, 25'	2,8,10	MC-STRING	\$2.05
☒	1	Pebbles, fine gravel, 1 lb.	2,8,9 Use as pebbles in 808 and stones in 809.	GS-PEBBLE	\$1.95
☒	1	Litmus Paper, blue, 100 strips	3	CH-LITBLUE	\$1.65
☒	1	Litmus Paper, red, 100 strips	3	CH-LITRED	\$1.65
☒	1	Phenolphthalein solution, 30ml	3	UN-PHENOLS	\$6.25
☒	1	Plaster of paris, 4 oz.	3	GS-PLASTER	\$2.60
☐	0	Thermometer Clamp	3 Optional. can be used with ring stand to hold thermometer.	CE-CLTHERM	\$7.25
☒	2	Stirring Rod, glass, 6"	3,6 Also use for glass rod in 806.	CE-STIRROD	\$0.75
☒	1	Pipet (medicine dropper)	3,9,10	CE-DROPPER	\$0.50
☒	1	Glucose Test Strips, 10 pack	4	BE-GLUTES	\$4.10
☒	1	Iodine (Lugol's) Biological Stain Solution, 30 ml	4	CH-IODINE	\$5.30
☒	1	Balloon Set of 9	6 Use instead of rubber rod or comb.	GS-BALLOON	\$1.85
☒	1	Electroscope, Pith Ball Type	6	EL-ELSCOPE	\$5.95
☒	1	Friction pad, fur, about 4x5"	6	GS-PADFUR	\$2.85
☒	1	Friction pad, silk, 6x6"	6	GS-PADSILK	\$2.20
☒	1	Horseshoe Magnet, 1" Alnico V	6	MG-HORSE1	\$6.40
☐	1	Investigating Electricity Kit	6 Optional. Consider this or another of our electricity or magnetism kits to supplement this unit.	EL-KIT01	\$32.95
☒	1	Paper, special set, 10 sheets	6 Use the acetate sheet instead of plastic in 806. Use the newsprint to make the long paper strips in 807.	GS-PAPERSP	\$2.45
☒	1	Bar Magnets, 1.2" ceramic, 2 pack	6,10	MG-BAR1C	\$1.75
☒	1	Ruler, clear plastic, 15 cm	6,8	DE-RULER	\$0.99
☐	5	Washers, 1", 5 pack	7 Use any 25 identical washers.	GS-WASHERS	\$1.30
☒	1	Rubber bands, 1.4 oz. bag	7,8	GS-RUBBAND	\$1.90
☒	1	Tape Measure, Steel, 3 meters	7,8 Use instead of meterstick.	ME-TAPEMEA	\$2.90
☒	1	Pulley, Single, 48mm	8 Use instead of making a pulley.	MC-PULLY1	\$2.15
☐	1	Jar, 1 gallon, clear plastic	9 Any wide mouth 1 gal jar will work.	BE-JAR1GAL	\$6.90

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
☐	1	Lens Cleaner, 60 ml	9 Recommended to keep your microscope lenses clean.	MI-LENSCLN	\$2.95
☐	1	Lens Cleaning Paper, 50 pack	9 Recommended to keep your microscope lenses clean.	MI-PAPER	\$1.80
☒	1	Microscope slide coverslips	9	MS-SLIDCV	\$1.85
☒	1	Peat Moss	9	GS-PEATMOS	\$1.55
☒	1	Razor Blade, single edge, 1 pack	9	CE-RAZOR	\$0.45
☒	1	Seeds, grass, pack	9	LM-SEEDGRA	\$1.25
☒	1	Slides, plain glass, 12 pack	9	MS-SLIDEPL	\$1.80
☐	1	Graduated Cylinder, polypropylene, 10 ml	10 Optional. The 100 ml graduated cylinder will work but will not be as accurate.	CE-CYPP10	\$1.95
☒	1	Spring scale, 100 g/1 N	10 Can also be used instead of a balance in 801, 802 and 803. Weigh objects in a small plastic bag.	BS-SCALE4	\$4.05
☒	1	Styrofoam balls, 1" diameter, 4 pack	10	GS-STYBAL1	\$2.70
☒	1	Styrofoam balls, 2" diameter, 2 pack	10	GS-STYBAL2	\$2.05
☒	1	Wood Ramp, economy	10	MC-RAMP1	\$6.95

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.
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