

HST science lab supplies list for use with:

Science Lifepac® Grade 10 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
<input type="checkbox"/>	1	Lab Kit for LIFEPAC Science Grade 10	1-9 Contains the "X" marked items in the quantity we recommend. Order additional items as necessary to meet your needs.	AO-KIT1000	\$194.95
<input type="checkbox"/>	1	Home LED Microscope	1,4,6,8 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
<input type="checkbox"/>	1	Lens Cleaner, 60 ml	3,4,6,8 Recommended for extensive microscope use.	MI-LENSCLN	\$2.95
<input type="checkbox"/>	1	Lens Cleaning Paper, 50 pack	3,4,6,8 Recommended for extensive microscope use.	MI-PAPER	\$1.80
<input checked="" type="checkbox"/>	1	Scissors, Dissecting	1,2,6	DE-SCISSOR	\$2.35
<input checked="" type="checkbox"/>	1	Probe & Seeker	1,2,6,8	DE-PROBE	\$2.15
<input checked="" type="checkbox"/>	1	Razor Blade, single edge, 1 pack	1,3,4,5,8	CE-RAZOR	\$0.45
<input checked="" type="checkbox"/>	1	Forceps, stainless steel	1,3,4,8	DE-FORCEP	\$2.15
<input checked="" type="checkbox"/>	1	Magnifier, tripod, 10X	1,3,5,8 We recommend this item instead of a magnifying glass for these labs.	OP-TRIPMAG	\$5.50
<input type="checkbox"/>	1	Magnifying Glass, 2", 3X Lens	1,3,5,8	OP-MAGNIFY	\$2.90
<input checked="" type="checkbox"/>	1	Teasing Needle, straight	1,8	DE-NEEDSTR	\$0.55
<input type="checkbox"/>	1	Alcohol Lamp Burner, Wickless	2 Optional. Use a stove burner and small pan.	CE-LAMP	\$12.95
<input type="checkbox"/>	0	Alcohol Lamp Stand	2 Optional. Order only if you are buying an alcohol lamp, but won't be buying a ring stand for this course.	CE-STAND1	\$3.85
<input checked="" type="checkbox"/>	1	Alligator Clip Leads, 2 pack	2	EL-ALCLIP2	\$2.25
<input type="checkbox"/>	1	Balloon Set of 9	2	GS-BALLOON	\$1.85
<input checked="" type="checkbox"/>	1	Battery, 6 volt	2 Use instead of three expensive 1-1/2 volt dry cells.	EL-BATT6	\$8.75
<input checked="" type="checkbox"/>	1	Biuret Reagent, 30 ml	2 Use instead of the copper sulfate solution. Put 20 drops of the food material to a test tube, add 2 drops Biuret indicator. A slight purple color indicates protein.	UN-BIURET	\$3.65
<input checked="" type="checkbox"/>	1	Calcium Hydroxide, 30 g	2 Use instead of lime tablets.	CH-CA(OH)2	\$3.65
<input checked="" type="checkbox"/>	1	Chalk (calcium carbonate)	2	CH-CHALK	\$1.85

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<input type="checkbox"/>	1	Cheesecloth, bleached	2	GS-CHCLOTH	\$2.85
<input checked="" type="checkbox"/>	1	Chemical Splash Safety Goggles, Adult	2 Always wear when using chemicals. Order extras if needed.	CE-GOGGLE1	\$5.60
<input checked="" type="checkbox"/>	1	Electrolysis Electrodes	2	EL-ELECTRO	\$7.55
<input type="checkbox"/>	2	Ethyl Alcohol, 95%, 30 ml	2 Optional. Order only if you don't want to purchase denatured alcohol locally for the alcohol lamp.	UN-ETHYALC	\$5.30
<input checked="" type="checkbox"/>	1	Filter Paper, 11 cm, 10 pack	2	CE-FILTPAP	\$1.50
<input type="checkbox"/>	1	Friction pad, silk, 6x6"	2 Order if you don't have a piece of nylon material.	GS-PADSILK	\$2.20
<input type="checkbox"/>	1	Friction pad, wool, 6x6"	2 Use any piece of wool clothing.	GS-PADWOOL	\$1.95
<input checked="" type="checkbox"/>	1	Funnel, plastic, 65 mm dia.	2	CE-FUNNEL	\$1.45
<input checked="" type="checkbox"/>	1	Glucose Test Strips, 50 pack	2 Use instead of Dextrostik or Tes Tape.	BE-GLUT50	\$13.95
<input checked="" type="checkbox"/>	1	Graduated Cylinder, polypropylene, 10 ml	2	CE-CYPP10	\$1.95
<input checked="" type="checkbox"/>	1	Hydrochloric Acid, 30 ml	2	UN1789	\$6.05
<input checked="" type="checkbox"/>	1	Lab Apron No 3, plastic, 2 mil	2 Always wear when using chemicals. Order extras if needed.	CE-APRON3	\$1.05
<input checked="" type="checkbox"/>	1	Litmus Paper, blue, 100 strips	2	CH-LITBLUE	\$1.65
<input checked="" type="checkbox"/>	1	Litmus Paper, red, 100 strips	2	CH-LITRED	\$1.65
<input checked="" type="checkbox"/>	1	Phenolphthalein solution, 30ml	2	UN-PHENOLS	\$6.25
<input checked="" type="checkbox"/>	1	Safety Gloves, size 8 - 8.5 Medium	2 Always wear chemically resistant gloves when using chemicals. Order CE-SGLOVES for size 6, CE-SGLOVEM for size 8, CE-SGLOVEL for size 9, all the same price.	CE-SGLOVEM	\$4.95
<input checked="" type="checkbox"/>	1	Sodium Sulfate, 30 g	2	CH-NA2SO4	\$3.55
<input type="checkbox"/>	1	Starch, water soluble, 30 g	2	CH-STARCH	\$4.75
<input checked="" type="checkbox"/>	1	Stirring Rod, glass, 6"	2	CE-STIRROD	\$0.75
<input checked="" type="checkbox"/>	1	Test Tube Rack, 6 holes	2	CE-TTRACK1	\$4.95
<input checked="" type="checkbox"/>	2	Test Tubes, extra large, 20 x 150 mm, 2/pack	2 Can also be used in place of 4 jars on p. 43 of 1002.	CE-TTUBEXL	\$2.75
<input checked="" type="checkbox"/>	1	Test Tubes, small 13 x 100 mm, 6/pack	2	CE-TTUBESM	\$3.70
<input checked="" type="checkbox"/>	1	Thermometer, Celsius, 12"	2	ME-THER30B	\$3.10
<input type="checkbox"/>	3	Yeast, packet	2,3 Any yeast will work.	LM-YEAST	\$1.80
<input checked="" type="checkbox"/>	1	Beaker, glass, 250 ml	2,3,4 Do experiments in series to get by with just one beaker. Use for liter measure in 1002.	CE-BEI0250	\$2.80
<input checked="" type="checkbox"/>	2	Pipet (medicine dropper)	2,3,4,7,8	CE-DROPPER	\$0.50
<input checked="" type="checkbox"/>	1	Methylene Blue, 1%, 30 ml	2,3,4,8	CH-METHBLU	\$4.70
<input checked="" type="checkbox"/>	1	Pipet, disposable, 1 ml	2,3,4,8 Use for stains	CE-PIPET-S	\$0.25

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input checked="" type="checkbox"/>	1	Cups & lids, 8 oz. plastic, 3 pack	2,4 Use 2 cups instead of buying extra beakers. Use one cup and lid to hold the osimeter thistle tube upright. (Eliminates the need for a ring stand and clamp.) Order 3 packages total if you will also use these instead of 6 quart jars.	GS-CUPLID	\$1.15
<input checked="" type="checkbox"/>	1	Iodine (Lugol's) Biological Stain Solution, 30 ml	2,4	CH-IODINE	\$5.30
<input type="checkbox"/>	1	Ring Support, 4"	2,4 Optional. Only needed with ring stand.	CE-RING4	\$7.10
<input type="checkbox"/>	1	Support Stand, 4" x 6" base, 18" rod	2,4 Optional. Not needed with stove burner and plastic cups with lids.	CE-STAND2	\$14.95
<input checked="" type="checkbox"/>	2	Sand, coarse, 1 lb	2,4,5,7	GS-SANDCRS	\$1.55
<input type="checkbox"/>	1	String, heavy cord, 25'	2,9	MC-STRING	\$2.05
<input type="checkbox"/>	1	Fish Net, 4-inch	3 Optional. Useful to collect algae.	BE-FISHNET	\$1.80
<input type="checkbox"/>	1	Methyl Cellulose, 1.5%, 30 ml	3 Use instead of cotton ball to quiet protozoa.	CH-METHCEL	\$3.80
<input checked="" type="checkbox"/>	1	Protozoa Culture Kit	3 Carefully split into 4 jars after 4-5 days.	LM-PROTIST	\$7.10
<input checked="" type="checkbox"/>	1	Alpha Omega Biology Slide Set	3,4,6,8 Contains the 12 prepared microscope slides needed to this course.	MS-SET1000	\$44.95
<input checked="" type="checkbox"/>	1	Microscope Slide Set, Basic	3,4,6,8	MS-SLIDSET	\$7.95
<input type="checkbox"/>	1	Spirogyra (green algae) slide, w.m.	3,8 Included in prepared slide set.	MS-SPIROC	\$3.50
<input type="checkbox"/>	1	Burette Clamp	4 Optional. Only needed if you purchase a ring stand.	CE-CLAMP	\$7.10
<input type="checkbox"/>	1	Neuron slide, motor, smear	4 Included in prepared slide set.	MS-NEURON	\$3.15
<input checked="" type="checkbox"/>	1	Osmosis Set	4	BE-OSIMET	\$7.40
<input type="checkbox"/>	1	Pebbles, fine gravel, 1 lb.	4 Use in terrarium and instead of marbles.	GS-PEBBLE	\$1.95
<input checked="" type="checkbox"/>	1	Potassium Permanganate, 30 g	4	UN1490	\$4.80
<input type="checkbox"/>	1	Muscle slide, 3 types, section	4,6,8 Included in prepared slide set.	MS-MUSC3	\$5.20
<input type="checkbox"/>	1	Human blood slide, Wright's stain, smear	4,8 Includes erythrocyte (red blood cells) and leukocytes (white blood cells). Included in prepared slide set.	MS-HUBLOOD	\$3.10
<input checked="" type="checkbox"/>	1	Screen, 20 mesh, steel, 4x4"	4,8	GS-SCREEN	\$1.40
<input checked="" type="checkbox"/>	1	Seeds, baby lima bean, pack	5	LM-SEEDBEA	\$1.35
<input checked="" type="checkbox"/>	1	Seeds, grass, pack	5	LM-SEEDGRA	\$1.25
<input checked="" type="checkbox"/>	1	Seeds, marigold, pack	5	LM-SEEDMAR	\$1.25
<input type="checkbox"/>	2	Styrofoam Cups, 8 oz, with lids 5 pack	5	CE-CUPSTYR	\$1.00
<input type="checkbox"/>	1	Peat Moss	5,7 Use any potting soil.	GS-PEATMOS	\$1.55
<input checked="" type="checkbox"/>	1	Seeds, radish, pack	5,7	LM-SEEDVEG	\$1.25
<input type="checkbox"/>	0	Terrarium	5,8 Optional. Order for a larger, more useful terrarium.	BE-TERRAR	\$16.95
<input type="checkbox"/>	1	Jar, 1 gallon, clear plastic	5,8,9 Any 1 gal jar will work.	BE-JAR1GAL	\$6.90

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<input type="checkbox"/>	1	Human bone slide, ground, c.s.	6 Included in prepared slide set.	MS-HUBONE	\$7.60
<input checked="" type="checkbox"/>	1	P.T.C. Test Paper, 100/vial	7	CH-PTCTEST	\$2.15
<input checked="" type="checkbox"/>	1	Petri Dishes, polystyrene, 90 x 15 mm, 2 pack	7	BE-PETRI1	\$1.45
<input type="checkbox"/>	1	Allium (onion) root tip slide, l.s.	8 Included in prepared slide set.	MS-ALLROOT	\$3.50
<input type="checkbox"/>	1	Ascaris (Roundworm) mitosis slide	8 Use instead of fish blastodisc. Included in prepared slide set.	MS-ASCARIS	\$7.25
<input type="checkbox"/>	1	Diatoms slide, mixed, w.m.	8 Included in prepared slide set.	MS-DIATMIX	\$3.45
<input type="checkbox"/>	1	Frog ovary slide, c.s.	8 Included in prepared slide set.	MS-FROVARY	\$2.60
<input type="checkbox"/>	1	Frog sperm slide, smear	8 Included in prepared slide set.	MS-FRSPERM	\$2.60
<input type="checkbox"/>	1	Kidney slide, section	8 Included in prepared slide set.	MS-KIDNEY	\$3.45
<input type="checkbox"/>	1	Planaria (brown) - Live Culture	8	LD-PLANAR	\$13.95
<input type="checkbox"/>	1	Nail assortment, 30 pieces	9 Wooden stakes will work better if you have them.	GS-NAILS	\$1.65
<input type="checkbox"/>	1	Tape Measure, Steel, 3 meters	9 Optional.	ME-TAPEMEA	\$2.90

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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