

HST science lab supplies list for use with:

Exploring Creation with Chemistry & Physics by Apologia Educational Ministries

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	Apologia Chemistry and Physics Notebook	1-14	AM-CHPHNBK	\$26.95
<input type="checkbox"/>	1	Apologia Chemistry and Physics Textbook	1-14	AM-CHPHYS	\$37.95
<input type="checkbox"/>	1	Lab Kit for Apologia Chemistry and Physics	1-14	AM-KTCHPHY	\$92.95
			Contains the X marked items in the quantity we recommend. Order additional items as necessary to meet your needs.		
<input checked="" type="checkbox"/>	1	Alka-Seltzer tablets, 2 pack	1	CH-ALKASEL	\$0.80
			Used to make a lava lamp in a density lab.		
<input checked="" type="checkbox"/>	1	Cork, No. 9	1	CE-CORK09	\$0.75
<input checked="" type="checkbox"/>	1	Graduated Cylinder, polypropylene, 25 ml	1	CE-CYPP025	\$2.20
<input type="checkbox"/>	1	Wood block, 1.5 x 1.5 x 0.75"	1	GS-WOODMD	\$0.95
			Use a piece of wood collected from outside.		
<input checked="" type="checkbox"/>	1	Neodymium Disc Magnets, 0.5", 2 pack	1,13	MG-NEODISC	\$6.75
<input checked="" type="checkbox"/>	1	Food Coloring, 4 colors	1,2,3,4,5,11,14	CH-FOODCOL	\$4.35
<input checked="" type="checkbox"/>	2	Cup, clear plastic, 9 oz, 3 pack	1,2,4,5,8	CE-BEAKCUP	\$0.70
<input checked="" type="checkbox"/>	1	Chemical Splash Safety Goggles, Child	1,3,4,8,14	CE-GOGGLE2	\$5.05
<input checked="" type="checkbox"/>	1	Ball, ping-pong	1,7,8,10	PT-BALLPP	\$0.40
			Use in place of the tennis ball.		
<input checked="" type="checkbox"/>	1	Straw set, 15 pieces	1,8,9,11,14	GS-STRAWST	\$1.25
<input type="checkbox"/>	1	Isopropyl Alcohol, 90%, 30 ml	2	UN-ISOPALC	\$3.20
			Use household rubbing alcohol to complete lab.		
<input checked="" type="checkbox"/>	1	Magnesium Sulfate, 100 g (Epsom salt)	2	CH-EPSOM	\$5.25
<input type="checkbox"/>	1	Peat Moss	2	GS-PEATMOS	\$1.55
			Use topsoil collected from your surrounding environment.		
<input type="checkbox"/>	1	Jar, 1 gallon, clear plastic	2,11	BE-JAR1GAL	\$6.90
			Any large clear container with a lid will work.		
<input checked="" type="checkbox"/>	1	Balloon Set of 9	2,4,6,7,9,11,12,14	GS-BALLOON	\$1.85
<input type="checkbox"/>	2	Pebbles, fine gravel, 1 lb.	2,5,7	GS-PEBBLE	\$1.95
			Collect pebbles from your surrounding environment.		
<input type="checkbox"/>	1	Sand, coarse, 1 lb	2,5,8	GS-SANDCRS	\$1.55
			You need a large amount of coarse sand to complete lab 8. Purchase at a local hardware store.		
<input type="checkbox"/>	1	Hydrogen Peroxide, 30 ml	3	UN-PEROXID	\$5.95
			Optional item. Household peroxide will work for this lab. Purchase only if you want to view a stronger reaction.		

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<input type="checkbox"/>	1	Potassium Iodide, 30 g	3 Optional item. Purchase only if you want to view a stronger reaction than yeast.	CH-KI	\$10.95
<input checked="" type="checkbox"/>	1	Yeast, packet	3	LM-YEAST	\$1.80
<input checked="" type="checkbox"/>	1	Safety Gloves, size 7 - 7.5 Small	3,4	CE-SGLOVE	\$4.75
<input type="checkbox"/>	1	School Glue, 4oz	3,4,11 Purchase if you do not want to purchase locally	PT-SCHGLUE	\$1.65
<input checked="" type="checkbox"/>	1	Acetone, 30 ml	4	UN1090	\$4.60
<input checked="" type="checkbox"/>	1	Litmus Paper, blue, 100 strips	4	CH-LITBLUE	\$1.65
<input checked="" type="checkbox"/>	1	Litmus Paper, red, 100 strips	4	CH-LITRED	\$1.65
<input type="checkbox"/>	4	Potassium Nitrate, 30 g	4 Lab omitted due to cost. Purchase 4 of the potassium nitrate if you want to complete the lab.	UN1486	\$4.80
<input checked="" type="checkbox"/>	1	Sodium Tetraborate, 30 g (Borax)	4	CH-NA2B4O7	\$3.75
<input checked="" type="checkbox"/>	1	Styrofoam Cups, 8 oz, with lids 5 pack	4	CE-CUPSTYR	\$1.00
<input type="checkbox"/>	1	Glass Jar, 16 oz size	4,11	GS-JAR16OZ	\$2.50
<input checked="" type="checkbox"/>	1	Magnifying Glass, 2", 3X Lens	4,11	OP-MAGNIFY	\$2.90
<input type="checkbox"/>	1	Alum, 100 g	4,5 You will need a large amount of alum to complete lab 4. Purchase at a local grocery store.	CH-ALUM	\$5.35
<input type="checkbox"/>	1	Digital Stop Watch, 2"	4,5 Any watch with a second hand will work.	ME-STOPWAT	\$5.80
<input type="checkbox"/>	1	Rubber bands, 1.4 oz. bag	4,5,8,9,14 Use rubber bands you have at home to complete labs.	GS-RUBBAND	\$1.90
<input type="checkbox"/>	1	String, heavy cord, 25'	4,7,14 Use string available in your home to complete these labs.	MC-STRING	\$2.05
<input checked="" type="checkbox"/>	1	Thermometer, aluminum back	4,8,11 Divide the lab into parts and complete one part then the other.	ME-THERMME	\$3.30
<input checked="" type="checkbox"/>	7	Bamboo Skewer, 6"	4,8,14	PT-OWLPROB	\$0.15
<input type="checkbox"/>	1	Beaker, glass, 1000 ml	5 Purchase if you do not have a glass vase or large clear glass.	CE-BEI1000	\$8.90
<input checked="" type="checkbox"/>	1	Sand, fine, 1 lb.	5	GS-SANDFIN	\$1.75
<input type="checkbox"/>	1	Aluminum Pie Plate, 9" diameter	5,6	PT-PIEPAN9	\$0.95
<input checked="" type="checkbox"/>	1	Chalk (calcium carbonate)	5,6	CH-CHALK	\$1.85
<input checked="" type="checkbox"/>	1	Marbles, pack of 15	6	GS-MARBLSM	\$2.05
<input checked="" type="checkbox"/>	1	Straw, 0.30" diameter	6	PT-CKSTR14	\$0.10
<input checked="" type="checkbox"/>	1	Clay, modeling, 1/4 lb.	6,11 Use in place of a raw egg in experiment 6.	GS-CLAY	\$2.25
<input type="checkbox"/>	1	Cardboard Craft Tube 1.75 in x 4.5 in	6,12 Purchase if you do not have toilet paper or paper towel tube. Experiment 10 requires 3.	PT-CRFTTUB	\$0.85
<input type="checkbox"/>	1	Toy car	7,13 Purchase if you do not have a toy car at home.	MC-TOYCAR	\$0.99
<input type="checkbox"/>	1	Baking soda, 50 g	8 Use household baking soda to complete experiment.	CH-BSODA50	\$1.95

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<input type="checkbox"/>	1	Funnel, plastic, 65 mm dia.	8 Use a piece of paper to create a funnel for this project.	CE-FUNNEL	\$1.45
<input checked="" type="checkbox"/>	1	Washers, 1", 5 pack	8	GS-WASHERS	\$1.30
<input checked="" type="checkbox"/>	1	Spool, wooden , 1" x 3/4"	8,14	PT-SPOOL	\$0.50
<input type="checkbox"/>	1	Card stock, 110#, 8-1/2" x 11", white	9	PT-CARDSTK	\$0.35
<input type="checkbox"/>	1	Candle, 4" white	9,11 Purchase if you do not want to purchase locally.	OP-CANDLE	\$1.05
<input type="checkbox"/>	1	Matches, pack of 32	9,11	GS-MATCHES	\$0.90
<input checked="" type="checkbox"/>	1	Cellophane, 3 pack	10	GS-CELLO	\$1.25
<input type="checkbox"/>	2	Prism, glass, 25mm x 75mm	10 Items omitted from kit due to cost. Purchase if you would like to complete the lab.	OP-PRISM	\$7.95
<input type="checkbox"/>	2	Mirror, glass plane, 4"x 2"	10,12 Use household mirrors to complete this lab.	OP-MIRROR4	\$1.55
<input type="checkbox"/>	1	Bottle, 500 ml (16 oz), amber glass, Boston round	11 Purchase if you do not have a narrow	CE-BTAG500	\$4.50
<input type="checkbox"/>	1	Clear Plastic Film Canister	11 Purchase if you do not have small plastic storage containers.	GS-FILMCAN	\$1.99
<input checked="" type="checkbox"/>	1	Nail assortment, 30 pieces	11,13,14	GS-NAILS	\$1.65
<input checked="" type="checkbox"/>	1	Battery, 6 volt	12	EL-BATT6	\$8.75
<input checked="" type="checkbox"/>	1	Brass Brads, 3/8", 100 pack	12	GS-BRADS	\$1.85
<input checked="" type="checkbox"/>	3	Bulb holder, 1-bulb	12	EL-BULBHD1	\$1.15
<input checked="" type="checkbox"/>	3	Bulb, screw style, 6.3-volt	12	EL-LAMP6	\$0.65
<input checked="" type="checkbox"/>	1	LED, red, diffuse type, 5 mm	12	EL-LEDRED	\$0.35
<input checked="" type="checkbox"/>	1	Sandpaper, 1 sheet medium grit	12	PT-SANDPAP	\$1.55
<input checked="" type="checkbox"/>	1	Battery, D, heavy duty, 2 pack	12,13	EL-BATTD2	\$2.30
<input checked="" type="checkbox"/>	1	Copper Wire, insulated, #24, 15'	12,13	EL-WIRE24H	\$2.40
<input type="checkbox"/>	1	9 X 12 Corrugated Cardboard Sheet (sold only in kits)	12,13,14 Use the box the kit comes in to complete	PT-CARDBRD	\$0.99
<input type="checkbox"/>	1	Paper Clips, small, 100/box	12,13,14 Any paperclip will work.	GS-PCLIPSM	\$0.60
<input checked="" type="checkbox"/>	1	Bar Magnets, 1.2" ceramic, 2 pack	13	MG-BAR1C	\$1.75
<input checked="" type="checkbox"/>	1	Battery, AA, alkaline, 4 pack	13	EL-BALK-AA	\$2.75
<input checked="" type="checkbox"/>	1	Compass, magnetic, 1.5"	13	GS-COMPASS	\$3.05
<input checked="" type="checkbox"/>	1	Copper Wire, bare, #24, 25'	13	EL-WIRE24C	\$4.70
<input checked="" type="checkbox"/>	1	Iron Metal Filings, 30 g	13	CH-IRON	\$2.45
<input checked="" type="checkbox"/>	1	Ring Magnet, 1.14" OD	13	MG-RINGLG	\$0.95
<input type="checkbox"/>	1	Ruler, 30 cm	14	ME-RULER	\$0.90
<input checked="" type="checkbox"/>	1	Vinyl Tubing, 4.8 mm, 2' long	14	CE-TUBEPLS	\$1.65
<input type="checkbox"/>	1	Wood Ramp, economy	14 Purchase if you do not have access to a wood ramp.	MC-RAMP1	\$6.95

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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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