

HST science lab supplies list for use with:

## Science: Order & Design (Grade 7), 2nd Edition by Abeka Book, Inc

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 Abeka Science Grade 7	<b>1.1-13.3</b> Contains the "X" marked items in the quantity we recommend. Order additional items as necessary to meet your needs.	AB-KIT07	\$146.95
<input type="checkbox"/>	1	Home LED Microscope	<b>11.1, 11.3, 11.4,</b> Purchase separately. 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	\$264.95
<input checked="" type="checkbox"/>	1	Super Glue	<b>1.5</b> Use in place of nail polish. Ask a parent for help and use provided gloves.	PT-SUPGLUE	\$1.40
<input checked="" type="checkbox"/>	1	Superior Balance Digital Pocket Scale, 600 g capacity, 0.1 g precision	<b>1.5, 13.1</b>	BS-SPB600	\$9.95
<input checked="" type="checkbox"/>	1	Seeds, baby lima bean, pack	<b>1.5, 2.2</b>	LM-SEEDBEA	\$1.60
<input checked="" type="checkbox"/>	1	Filter Paper, 11 cm, 10 pack	<b>1.5, 2.7, 10.1</b> Use filter paper in place of weighing paper 1.5	CE-FILTPAP	\$1.65
<input checked="" type="checkbox"/>	8	Plastic Graduated Cup, 8 fl oz.	<b>1.5, 3.2, 5.2, 13.1</b> Re-use cups throughout course.	CE-GRADCUP	\$0.50
<input checked="" type="checkbox"/>	4	Cup, clear plastic, 9 oz	<b>1.5, 5.2</b> Use these instead of beakers and small jars.	PT-CUP9OZ	\$0.35
<input checked="" type="checkbox"/>	1	Paper Clips, small, 100/box	<b>1.5, 7.4</b>	GS-PCLIPSM	\$0.65
<input checked="" type="checkbox"/>	2	Gloves, Nitrile, Size Medium, Pair	<b>1.5, 9.2, 10.1</b>	GS-GLOVNIT	\$1.95
<input checked="" type="checkbox"/>	6	Drawing Paper, white, 9"x12"	<b>2.1, 2.2, 7.4</b> white computer paper	PT-PAPDRAW	\$0.15
<input checked="" type="checkbox"/>	1	Scalpel, one-piece	<b>2.1, 2.2, 10.3, 11.1, 12.4</b>	DE-SCALPEL	\$2.10
<input type="checkbox"/>	1	Scissors, round tip	<b>2.1, 2.7, 7.1, 10.1, 12.4, 13.1,</b> use any household scissors	GS-SCISSORS	\$1.55
<input checked="" type="checkbox"/>	7	Construction paper, black	<b>2.1, 5.1, 7.1, 10.1, 13.1</b>	PT-PAPCSBK	\$0.15
<input checked="" type="checkbox"/>	1	Magnifying Glass, 2", 3X Lens	<b>2.1, 9.2, 10.1, 10.3, 13.1</b>	OP-MAGNIFY	\$3.15
<input checked="" type="checkbox"/>	1	Starch, water soluble, 30 g	<b>2.2</b>	CH-STARCH	\$5.25
<input checked="" type="checkbox"/>	1	Talc, 30 g	<b>2.2</b>	CH-TALC	\$3.95
<input checked="" type="checkbox"/>	1	Pipet (medicine dropper)	<b>2.2, 10.3, 11.1, 11.3, 11.4, 12.</b>	CE-DROPPER	\$0.55
<input checked="" type="checkbox"/>	1	Petri Dishes, polystyrene, 90 x 15 mm, 2 pack	<b>2.2, 2.3, 10.1, 10.3</b> Use the petri dishes to grow seeds in 2.3; 2 seeds per petri dish	BE-PETRI1	\$1.95

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<input checked="" type="checkbox"/>	2	Watch Glass, 100 mm	2.2, 2.7	CE-WATCHLG	\$2.25
<input checked="" type="checkbox"/>	1	Chemical Splash Safety Goggles, Adult	2.2, 2.7, 3.2, 11.1, 11.3 Important to use personal protective equipment while working with chemicals	CE-GOGGLE1	\$4.95
<input checked="" type="checkbox"/>	1	Iodine (Lugol's) Biological Stain Solution, 30 ml	2.2, 2.7, 11.1, 11.3	CH-IODINE	\$5.85
<input checked="" type="checkbox"/>	1	Seeds, corn, pack	2.3	LM-SEEDCOR	\$2.65
<input checked="" type="checkbox"/>	2	Acetone, 30 ml	2.7	UN1090	\$5.10
<input type="checkbox"/>	1	Electric Hot Plate	2.7 Use the stove in place of a hotplate for 2.7B	CE-HOTELEC	\$24.95
<input checked="" type="checkbox"/>	2	Beaker, glass, 50 ml	2.7, 13.1	CE-BEI0050	\$2.50
<input checked="" type="checkbox"/>	1	Beaker, glass, 600 ml	2.7, 3.2, 3.3, 7.1, 11.4, 13.1 Use this beaker to hold the test tubes upright in activity 13.1	CE-BEI0600	\$5.65
<input checked="" type="checkbox"/>	1	Forceps, stainless steel	2.7, 9.2, 11.1	DE-FORCEP	\$2.35
<input checked="" type="checkbox"/>	1	String, heavy cord, 25'	2.9, 3.2, 3.3, 7.1, 7.2, 10.3, 12. Use string and washer for 3.3 in place of meterstick	MC-STRING	\$2.30
<input checked="" type="checkbox"/>	1	10x18 poly bags, 1.5 mil	2.9, 8.1 Re-use bag.	PK-BA10X18	\$0.30
<input checked="" type="checkbox"/>	1	Thermometer, Celsius, 12"	2.9, 8.1	ME-THER30B	\$3.35
<input checked="" type="checkbox"/>	1	Dextrose (glucose), 30 g	3.2 Mix dextrose with water and heat to dissolve and use in place of corn syrup.	CH-DEXTROS	\$3.75
<input checked="" type="checkbox"/>	1	Food Coloring, 4 colors	3.2 1 color included.	CH-FOODCOL	\$4.95
<input checked="" type="checkbox"/>	1	Straws, clear plastic	3.2	PT-STRAWCL	\$0.15
<input checked="" type="checkbox"/>	1	Glacial Acetic Acid, 30 ml	3.2, 3.3	UN2789	\$4.50
<input checked="" type="checkbox"/>	1	Ruler, 30 cm	3.2, 7.4, 13.3	ME-RULER	\$0.95
<input checked="" type="checkbox"/>	1	Washers, 1" diameter, each	3.3 Use string and washer for 3.3 in place of meterstick.	PT-WASHBLK	\$0.30
<input checked="" type="checkbox"/>	1	Counting Chips, White, 24 pieces	4.4	GS-PLCHIPS	\$4.35
<input checked="" type="checkbox"/>	1	Marker, black, permanent	4.4, 10.3, 12.4, 13.1	BE-MARKBLK	\$2.45
<input checked="" type="checkbox"/>	2	Construction paper, red	5.1	PT-PAPCSR	\$0.15
<input checked="" type="checkbox"/>	1	Parafilm M Laboratory Film, 1 ft	5.2 Cut and stretch. Use in place of plastic wrap	GS-PARFLM1	\$0.95
<input checked="" type="checkbox"/>	1	Cheesecloth, bleached	5.2, 10.3	GS-CHCLOTH	\$2.95
<input checked="" type="checkbox"/>	1	Balloon Set of 9	6.1 Balloons will need to be secured to Y-connector using tape or clay.	GS-BALLOON	\$2.05
<input checked="" type="checkbox"/>	1	Clay, modeling, 4 oz. stick	6.1	GS-CLAY	\$2.45
<input checked="" type="checkbox"/>	1	Vinyl Tubing, 4.8 mm, 2' long	6.1	CE-TUBEPLS	\$2.00
<input checked="" type="checkbox"/>	1	Y Connector 4.8 mm Tubing, plastic	6.1	CE-TUBEY	\$2.60
<input checked="" type="checkbox"/>	1	Spring scale, 1000 g/10 Newton	7.1	BS-SCALE3	\$4.90

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input checked="" type="checkbox"/>	2	Graph paper, 8.5 x 11 inch, 0.25-inch squares grid, double-sided	7.4	PT-GRIDPAP	\$0.15
<input type="checkbox"/>	1	Digital Stop Watch, 2"	7.4, 8.1 Can use another source of a timer.	ME-STOPWAT	\$5.95
<input checked="" type="checkbox"/>	1	Critter Habitat - Aquarium, small (sold only in kits)	8.1, 10.1	BE-AQUASML	\$9.95
<input checked="" type="checkbox"/>	3	Peat Moss	8.3, 10.1, 12.4, 13.3	GS-PEATMOS	\$1.70
<input checked="" type="checkbox"/>	1	Insect Pins, size 2, student	9.1, 9.2	BE-INSP02E	\$5.95
<input checked="" type="checkbox"/>	1	Dissecting Tray, Styrofoam	9.2	DE-TRAYS	\$0.95
<input checked="" type="checkbox"/>	1	Grasshopper Specimen, Lubber, Large	9.2 Use in place of a dried insect. Scalpel and pins included.	PM-GRASHOP	\$1.55
<input checked="" type="checkbox"/>	1	Grasshopper Specimen, Lubber, Large	9.2 Use in place of a dried insect. Scalpel and pins included.	PM-GRASHOP	\$1.55
<input checked="" type="checkbox"/>	1	Pocket Microscope, LED, 120X	9.2, 10.3	MI-PK120X	\$18.95
<input type="checkbox"/>	1	Pill or Sow Bugs, 12 pack	10.1 Not included in the kit. Live Culture for 10.1 Purchase at time of activity.	LD-PILLBUG	\$14.95
<input type="checkbox"/>	1	Planaria (brown) - Live Culture	10.3 Not included in the kit. Live Culture for 10.3. Purchase at time of activity.	LD-PLANAR	\$14.95
<input checked="" type="checkbox"/>	1	Microscope Slide Set, Basic	10.3, 11.1, 11.3, 11.4	MS-SLIDSET	\$8.50
<input checked="" type="checkbox"/>	1	Methyl Cellulose, 1.5%, 30 ml	10.3, 11.4	CH-METHCEL	\$4.15
<input checked="" type="checkbox"/>	1	Cork, No. 9	11.1	CE-CORK09	\$0.85
<input type="checkbox"/>	1	Elodea (Anacharis) - Live Culture	11.1 Not included in the kit. Live Culture for 11.1. Purchase at time of activity.	LD-ELODEA	\$17.95
<input checked="" type="checkbox"/>	1	Letter "e", w.m.	11.1	MS-ELETTER	\$4.25
<input checked="" type="checkbox"/>	3	Balloons, medium, 9"	11.3	GS-BALLOMD	\$0.35
<input checked="" type="checkbox"/>	3	Pure cane sugar, single-serve packet (2.8 grams)	11.3	GS-SUGPAK	\$0.10
<input checked="" type="checkbox"/>	1	Spirogyra (green algae) slide, w.m.	11.3	MS-SPIROC	\$3.85
<input type="checkbox"/>	1	Toothpicks, pack	11.3	GS-TOOTHPI	\$2.95
<input checked="" type="checkbox"/>	2	Yeast, packet	11.3	LM-YEAST	\$1.95
<input checked="" type="checkbox"/>	3	Clear 17oz bottle with cap	11.3, 12.4 Use these bottles in place of flasks for 11.3. These can be used for Experiment 12.4 if 2 liter bottles are not available.	CE-BTCL502	\$2.65
<input checked="" type="checkbox"/>	1	Protozoa Culture Kit	11.4	LM-PROTIST	\$7.95
<input checked="" type="checkbox"/>	1	Lid, fits 1 gal jar, linerless	12.4 Large white container lid	PT-CAP1GAL	\$1.50
<input checked="" type="checkbox"/>	3	Styrofoam Cup, 12 oz, each	12.4	PT-STYCUP12	\$0.25
<input checked="" type="checkbox"/>	1	Brine Shrimp Eggs, 6g vial	13.1	LM-BRSHRIM	\$6.25
<input type="checkbox"/>	1	Light, small beam penlight	13.1 Optional for experiment but not necessary.	OP-LIGHT3	\$4.30
<input checked="" type="checkbox"/>	1	Sodium Chloride, 30 g	13.1	CH-NACL	\$3.25

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input type="checkbox"/>	1	Stirring Rod, glass, 6"	13.1 Use a spoon to stir.	CE-STIRROD	\$0.85
<input type="checkbox"/>	1	Test Tube Rack, 6 holes	13.1 Use the 600mL beaker to hold the test tubes	CE-TTRACK1	\$4.95
<input checked="" type="checkbox"/>	3	Test Tubes, large 16 x 150 mm	13.1	CE-TTUBELG	\$2.75
<input checked="" type="checkbox"/>	1	Charcoal Powder, activated, 30g	13.3	CH-CHARCL	\$5.25
<input checked="" type="checkbox"/>	4	Cup, clear plastic, 16 oz (sold only in kits)	13.3 Use these for the ecosystem in 13.3 if soda bottles are not available.	PT-CUP16OZ	\$0.50
<input checked="" type="checkbox"/>	1	Pebbles, fine gravel, 1 lb.	13.3	GS-PEBBLE	\$2.15

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