

HST science lab supplies list for use with:

## Exploring the Building Blocks of Science 7 by Gravitas Publications, 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.

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	Exploring the Building Blocks Book 7 Kit	<b>2-17</b> Contains the "X" marked items in the quantity we recommend. Order additional items as necessary to meet your needs.	RS-BBKIT07	\$169.95
<input type="checkbox"/>	1	Exploring the Building Blocks of Science Book 7 Set	<b>1-22</b> Purchase this curriculum set at a	RS-BB7SET	\$125.95
<input type="checkbox"/>	1	Exploring Building Blocks of Science Book 7 Lab Notebook	<b>1-22</b>	RS-BB7LAB	\$29.00
<input type="checkbox"/>	1	Exploring Building Blocks of Science Book 7 Student Text	<b>1-22</b>	RS-BB7TEXT	\$73.50
<input type="checkbox"/>	1	Exploring Building Blocks of Science Book 7 Teacher's Manual	<b>1-22</b>	RS-BB7TEAC	\$29.00
<input type="checkbox"/>	1	Home 1000X LED Microscope	<b>8</b> The course recommends a 1000x microscope to complete the lab. See our website or catalog for other microscope options.	MI-4100LXL	\$314.95
<input type="checkbox"/>	1	Microscope Immersion Oil	<b>8</b> Purchase for use with a 1000x microscope.	MI-IMMOIL	\$12.50
<input type="checkbox"/>	1	Acetic Acid, 30 ml	<b>2</b> Purchase if you do not have vinegar at home.	UN2789	\$4.10
<input type="checkbox"/>	1	Ammonium Hydroxide, 30 ml	<b>2</b> Purchase if you do not have ammonia at home.	UN2672	\$5.65
<input type="checkbox"/>	1	Black pen	<b>2</b>	PT-PENBLK	\$1.00
<input checked="" type="checkbox"/>	1	Green pen	<b>2</b>	PT-PENGRE	\$1.00
<input type="checkbox"/>	1	Isopropyl Alcohol, 90%, 30 ml	<b>2</b> Purchase if you do not have isopropyle alcohol at home.	UN-ISOPALC	\$3.20
<input type="checkbox"/>	1	Vegetable Oil, 6 oz. (sold only in kits)	<b>2</b> Purchase if you do not have vegetable oil at home.	CH-VEGEOIL	\$3.50
<input type="checkbox"/>	1	Ruler, 30 cm	<b>2,11</b>	ME-RULER	\$0.90
<input type="checkbox"/>	1	Marker, black, permanent	<b>2,3,4,5,7,14</b>	BE-MARKBLK	\$2.05
<input type="checkbox"/>	1	Measuring Cups, Set of 5	<b>2,3,5,14</b>	CE-MECUP	\$3.55
<input type="checkbox"/>	1	Measuring Spoons, Set of 6	<b>2,3,5,14</b>	CE-MESPOON	\$3.60
<input checked="" type="checkbox"/>	1	Pipet (medicine dropper)	<b>2,3,8</b>	CE-DROPPER	\$0.50
<input checked="" type="checkbox"/>	10	Cup, clear plastic, 9 oz, 3 pack	<b>2,4,5,7,8,9</b> Use these disposable cups in place of glass jars or cups.	CE-BEAKCUP	\$0.70
<input type="checkbox"/>	2	Dishwashing Liquid Detergent, 15ml	<b>2,5</b> Purchase if you do not have dishsoap at home.	CH-DISHDET	\$1.90

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<input checked="" type="checkbox"/>	1	Filter Paper, 11 cm, 10 pack	2,5	CE-FILTPAP	\$1.50
<input type="checkbox"/>	1	Scissors, round tip	2,7,9,11,13,14	GS-SCISSORS	\$1.45
<input checked="" type="checkbox"/>	1	Food Coloring, 4 colors	2,8	CH-FOODCOL	\$4.35
			You can mix the primary colors to make additional colors.		
<input checked="" type="checkbox"/>	1	Laundry starch, concentrated, 30 ml	3	CH-LSTARCH	\$3.20
<input checked="" type="checkbox"/>	1	Paper, blotter, one 12"x18" sheet	3	PT-BLOTPAP	\$2.45
<input checked="" type="checkbox"/>	1	Iodine (Lugol's) Biological Stain Solution, 30 ml	3,5	CH-IODINE	\$5.30
<input type="checkbox"/>	1	Beaker, glass, 600 ml	4	CE-BEI0600	\$5.30
			Use the glass jar.		
<input checked="" type="checkbox"/>	1	Chemical Splash Safety Goggles, Adult	4	CE-GOGGLE1	\$5.60
<input checked="" type="checkbox"/>	1	Clear Glue, 5 oz	4	PT-CLRGLUE	\$2.90
<input checked="" type="checkbox"/>	1	Gloves, Nitrile, Medium, Pair	4	GS-GLOVNIT	\$1.50
<input checked="" type="checkbox"/>	1	Graduated Cylinder, polypropylene, 10 ml	4	CE-CYPP10	\$1.95
<input checked="" type="checkbox"/>	1	Lab Apron No 3, plastic, 2 mil	4	CE-APRON3	\$1.05
<input checked="" type="checkbox"/>	1	Laundry starch, concentrated, 125 ml (4oz)	4	CH-LSTA125	\$5.05
<input checked="" type="checkbox"/>	1	Nylon Synthesis and Rope Trick Kit	4	KT-ISNYLON	\$23.95
<input checked="" type="checkbox"/>	1	School Glue, 4oz	4	PT-SCHGLUE	\$1.65
<input checked="" type="checkbox"/>	1	Stirring Rod, glass, 6"	4	CE-STIRROD	\$0.75
<input checked="" type="checkbox"/>	1	Glass Jar, 16 oz size	4,11	GS-JAR16OZ	\$2.50
			Use a nail and hammer to put a hole in the lid to complete the lab.		
<input checked="" type="checkbox"/>	1	Wooden splints, 5 pack	4,5	CE-SPLINTS5	\$0.70
<input type="checkbox"/>	1	Sodium Chloride, 30g	5	CH-NACL	\$2.95
<input type="checkbox"/>	1	Test Tubes, large 16 x 150 mm, 2/pack	5	CE-TTUBELG	\$1.85
<input type="checkbox"/>	1	Digital Stop Watch, 2"	5,14	ME-STOPWAT	\$5.80
			Use a watch with a second hand or a timer app on a cell phone.		
<input checked="" type="checkbox"/>	1	Seeds, corn, pack	6	LM-SEEDCOR	\$2.20
<input checked="" type="checkbox"/>	1	Magnifying Glass, 2", 3X Lens	6,15	OP-MAGNIFY	\$2.90
<input checked="" type="checkbox"/>	1	Science Notebook	6,15,17	GS-SCINTBK	\$4.85
<input checked="" type="checkbox"/>	1	Seeds, baby lima bean, pack	6,7	LM-SEEDBEA	\$1.35
<input checked="" type="checkbox"/>	2	Styrofoam Cups, 12 oz, 4 pack	6,7,14	CE-CUPSTY12	\$0.85
<input checked="" type="checkbox"/>	3	Peat Moss	6,7,9,14	GS-PEATMOS	\$1.55
<input type="checkbox"/>	1	Colored Pencils	6,9,13,15	BE-CPENCIL	\$2.80
<input type="checkbox"/>	2	Card stock, 110#, 8-1/2" x 11", white	7	PT-CARDSTK	\$0.35
<input checked="" type="checkbox"/>	1	Microscope Slide Set, Basic	8	MS-SLIDSET	\$7.95
<input checked="" type="checkbox"/>	1	Toothpicks, pack	8,9	GS-TOOTHPI	\$2.60
<input checked="" type="checkbox"/>	1	Scalpel, plastic handle, #11	8,9,14	DE-SCALP11	\$1.30
<input checked="" type="checkbox"/>	1	Battery, 9-volt, alkaline	10	EL-BALK-9V	\$2.95
<input type="checkbox"/>	15	Copper piece	10	EL-CUDISC	\$0.70
			If you don't have access to pennies made prior to 1982 use these copper discs.		
<input checked="" type="checkbox"/>	1	Digital Multimeter	10	EL-DIGMULT	\$14.95
<input checked="" type="checkbox"/>	1	Steel Wool	10	GS-STLWOOL	\$1.80

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<input type="checkbox"/>	1	Aluminum foil sheet, 9 x 10	10,11 Purchase if you do not have aluminum foil at home.	PT-FOIL	\$0.25
<input checked="" type="checkbox"/>	1	Copper Wire, insulated, #24, 15'	10,13	EL-WIRE24H	\$2.40
<input checked="" type="checkbox"/>	1	Friction pad, silk, 6x6"	11	GS-PADSILK	\$2.20
<input checked="" type="checkbox"/>	1	Friction pad, wool, 6x6"	11	GS-PADWOOL	\$1.95
<input checked="" type="checkbox"/>	1	Friction rod, rubber	11	GS-RODRUB	\$3.15
<input checked="" type="checkbox"/>	4	Straws, flexible plastic	11	PT-STRAWFL	\$0.10
<input checked="" type="checkbox"/>	1	Paper Clips, small, 100/box	11,13	GS-PCLIPSM	\$0.60
<input checked="" type="checkbox"/>	2	Battery Holder for D Cell	12	EL-BATTHLD	\$2.75
<input checked="" type="checkbox"/>	1	Battery, D, heavy duty, 2 pack	12	EL-BATTD2	\$2.30
<input checked="" type="checkbox"/>	2	Bulb Socket, 1-bulb	12	EL-LAMPSOC	\$0.70
<input checked="" type="checkbox"/>	2	Bulb, screw style, 3.7-volt	12	EL-LAMP3.7	\$0.65
<input checked="" type="checkbox"/>	1	Propeller, plastic	12	EL-PROPELL	\$0.75
<input checked="" type="checkbox"/>	2	Resistor, 4.7 ohm, 1/2 watt	12	EL-RES005R	\$0.25
<input checked="" type="checkbox"/>	1	Small DC Motor, 0.5-6 volt	12	EL-MOTOR	\$3.65
<input checked="" type="checkbox"/>	1	Switch, knife type, SPST	12	EL-SWITCH2	\$2.55
<input checked="" type="checkbox"/>	2	Alligator Clip Leads, 2 pack	12,13	EL-ALCLIP2	\$2.25
<input checked="" type="checkbox"/>	1	4x6 ziplock bags, 2 mil	13	PK-ZIP4X6	\$0.15
<input checked="" type="checkbox"/>	1	Battery, 6 volt	13	EL-BATT6	\$8.75
<input type="checkbox"/>	1	Bottle, Barnes dropper, 30 ml	13 Use the Barnes bottle dropper if you do not have a plastic container.	CE-BTBAR30	\$2.10
<input type="checkbox"/>	1	Glucose Syrup, 15 ml	13 Purchase if you do not have corn syrup.	CH-GLUCOSE	\$2.75
<input checked="" type="checkbox"/>	1	Iron Metal Filings, 30 g	13	CH-IRON	\$2.45
<input checked="" type="checkbox"/>	1	Nail, 16D, bright box	13	PT-NAIL16C	\$0.10
<input checked="" type="checkbox"/>	1	Bar Magnets, 1.2" ceramic, 2 pack	13,16	MG-BAR1C	\$1.75
<input type="checkbox"/>	1	Cheesecloth, bleached	14	GS-CHCLOTH	\$2.85
<input checked="" type="checkbox"/>	1	Clay, pottery, 1.5 lb pc	14	GS-CLAYPOT	\$4.95
<input checked="" type="checkbox"/>	1	Cup, clear plastic, 16 oz, 4/pack	14	GS-CUP16OZ	\$0.90
<input checked="" type="checkbox"/>	1	Graduated Cylinder, polypropylene, 100 ml	14	CE-CYPP100	\$4.75
<input checked="" type="checkbox"/>	1	Pebbles, fine gravel, 1 lb.	14 Reuse the gravel rather than discarding it for each part of the lab.	GS-PEBBLE	\$1.95
<input checked="" type="checkbox"/>	2	Sand, coarse, 1 lb	14	GS-SANDCRS	\$1.55
<input type="checkbox"/>	1	Binoculars, 8 x 21 compact	15 Purchase if you don't already have a pair of binoculars.	OP-BI8X21K	\$27.95
<input type="checkbox"/>	1	Bird Feeder	15	BE-BIRFEED	\$3.50
<input type="checkbox"/>	1	Bird Seed, 1lb	15	BE-BIRDSD1	\$2.50
<input type="checkbox"/>	1	Birds Golden Guide	15 Purchase if you don't have access to a bird guide.	BK-GBIRDSP	\$7.05
<input checked="" type="checkbox"/>	1	Compass, magnetic, 1.5"	16	GS-COMPASS	\$3.05
<input checked="" type="checkbox"/>	1	Cork, No. 9	16	CE-CORK09	\$0.75
<input type="checkbox"/>	1	Insect Pins, size 2, student	16	BE-INSP02E	\$5.45

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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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