

HST science lab supplies list for use with:

RS4K Middle School Chemistry, Biology, & Physics 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.

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In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input type="checkbox"/>	1	Focus On Middle School Science Set	All If needed, purchase the Middle School Chemistry, Physics and Biology complete curriculum set	RS-REALSET	\$206.95
<input type="checkbox"/>	1	Lab Kit for Focus On Middle School Science Set	All	RS-KTLEV1	\$116.95
<input checked="" type="checkbox"/>	4	Cup, clear plastic, 9 oz, 3 pack	Several 12 cups are included to be used as alternatives to glasses and beakers. Additional plastic cups may be necessary.	CE-BEAKCUP	\$0.70
<input type="checkbox"/>	2	Dissection Pins, 6 pack	Several	DE-PINS	\$0.80
<input checked="" type="checkbox"/>	4	Gloves, Nitrile, Medium, Pair	Several	GS-GLOVNIT	\$1.00
<input type="checkbox"/>	1	Marker, black, permanent	Several	BE-MARKBLK	\$1.95
<input type="checkbox"/>	1	Measuring Cups, Set of 5	Several Optional, household measuring cups will work.	CE-MECUP	\$3.45
<input type="checkbox"/>	1	Measuring Spoons, Set of 6	Several Optional, household measuring spoons will work.	CE-MESPOON	\$3.50
<input checked="" type="checkbox"/>	1	Pipet (medicine dropper)	Several	CE-DROPPER	\$0.50
<input type="checkbox"/>	1	Ruler, 30 cm	Several	ME-RULER	\$0.90
<input type="checkbox"/>	1	Safety Gloves, size 7 - 7.5 Small	Several Optional, can purchase these reusable gloves for additional labs.	CE-SGLOVE	\$3.45
<input type="checkbox"/>	1	Toothpicks, pack	Several Numerous toothpicks are required. Purchase if not available at home.	GS-TOOTHPI	\$2.55
<input type="checkbox"/>	1	Alcohol Lamp Burner, Wickless	Biol 2 Optional and requires purchase of UN-ALCFUEL. Use a candle or gas stove flame as an alternate.	CE-LAMP	\$12.50
<input type="checkbox"/>	1	Denatured Alcohol Fuel, 16 ounces	Biol 2 Optional for use of CE-LAMP.	UN-ALCFUEL	\$8.50
<input type="checkbox"/>	1	Inoculating Needle with Looped End	Biol 2 Necessary for Lab 2. In addition to other items.	BE-INOCUL	\$3.70
<input checked="" type="checkbox"/>	1	Microscope slide coverslips	Biol 3	MS-SLIDCV	\$1.80
<input checked="" type="checkbox"/>	1	Microscope Slides, plain glass, 72 pack	Biol 3	MS-SLIDP72	\$4.95
<input type="checkbox"/>	1	Microscope Immersion Oil	Biol 3, 11, 13 Optional if using a 100 x oil immersion objective.	MI-IMMOIL	\$12.00
<input type="checkbox"/>	1	Colored Pencils	Biol 5, 9, 11, 12, 15 Optional, many household colored pencils will work.	BE-CPENCIL	\$2.75
<input checked="" type="checkbox"/>	4	Swab applicator, sterile, 2 pack	Biol 6	PT-SWABS	\$0.30
<input checked="" type="checkbox"/>	2	Agar, nutrient, 8 g, dehydrated	Biol 6,8	CH-AGARN08	\$5.10

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<input checked="" type="checkbox"/>	2	Petri Dishes, polystyrene, 90 x 15 mm, 20 pack	Biol 6,8	BE-PETRI20	\$6.95
<input type="checkbox"/>	1	Basic Protozoa Set - Live Culture	Biol 7 Necessary for Lab 7. In addition to other items.	LD-PROBASC	\$28.50
<input type="checkbox"/>	1	Eosin Y, 1%, 30 ml	Biol 7 Necessary for Lab 7. In addition to other items.	CH-EOSIN	\$4.45
<input type="checkbox"/>	1	Methyl Cellulose, 1.5%, 30 ml	Biol 7 Necessary for Lab 7. In addition to other items.	CH-METHCEL	\$3.70
<input type="checkbox"/>	1	Pipet, disposable, 1 ml, 10 pack	Biol 7 Necessary for Lab 7. In addition to other items.	CE-PIPET	\$1.50
<input type="checkbox"/>	1	Slides, concavity, 12 pack	Biol 7 Necessary for Lab 7. In addition to other items.	MS-SLIDC12	\$5.75
<input type="checkbox"/>	1	Yeast, packet	Biol 7 Necessary for Lab 7. In addition to other items.	LM-YEAST	\$1.75
<input checked="" type="checkbox"/>	1	Magnifying Glass, 2", 3X Lens	Biol 9	OP-MAGNIFY	\$2.85
<input type="checkbox"/>	1	Nature Backpack	Biol 9 Optional, any backpack would work.	SP-BACKPAK	\$28.95
<input checked="" type="checkbox"/>	1	Seeds, corn, pack	Biol 9	LM-SEEDCOR	\$1.95
<input type="checkbox"/>	1	Nature Notebook	Biol 9, 12, 15, 16 Optional, many notebooks or paper would work.	BE-NOTEBK	\$4.85
<input checked="" type="checkbox"/>	1	Seeds, baby lima bean, pack	Biol 9,10	LM-SEEDBEA	\$1.30
<input type="checkbox"/>	1	Glass Tube, 5 mm, 6" long	Chem 2	CE-TUBEG6	\$0.75
<input checked="" type="checkbox"/>	1	Graduated Cylinder, glass, 10 ml	Chem 2,11	CE-CYGL10	\$4.85
<input type="checkbox"/>	1	Isopropyl Alcohol, 90%, 30 ml	Chem 2,9,12 Optional, standard rubbing alcohol will work. Purchase at a grocery store or pharmacy.	UN-ISOPALC	\$2.80
<input type="checkbox"/>	1	Food Coloring, 4 colors	Chem 4,9	CH-FOODCOL	\$3.80
<input type="checkbox"/>	1	Red Cabbage Indicator Jiffy Juice Kit	Chem 6,7 Optional, alternate to making your own red cabbage juice indicator.	KT-JIFFYJU	\$10.50
<input checked="" type="checkbox"/>	1	Filter Paper, 11 cm, 10 pack	Chem 6,8,9,12	CE-FILTPAP	\$1.45
<input type="checkbox"/>	1	Glass Jar, 16 oz size	Chem 7 Optional, many jars will work.	GS-JAR16OZ	\$6.95
<input type="checkbox"/>	1	Laundry starch, concentrated, 30 ml	Chem 8 Optional, can use borax and corn starch instead.	CH-LSTARCH	\$3.15
<input checked="" type="checkbox"/>	1	Iodine (Lugol's) Biological Stain Solution, 30 ml	Chem 8,12; Biol 4,13	CH-IODINE	\$5.20
<input type="checkbox"/>	1	Citrus Dish Degreaser, 15ml	Chem 9 Optional, many household dish soaps will work.	CH-CITRCLN	\$1.90
<input checked="" type="checkbox"/>	1	Ball, hard rubber, 1-3/4"	Phys 1	GS-BALLHRB	\$1.15
<input checked="" type="checkbox"/>	1	Tennis ball	Phys 1	GS-BALLTNS	\$1.55
<input checked="" type="checkbox"/>	1	Marbles, pack of 15	Phys 1, 6	GS-MARBLSM	\$2.00
<input checked="" type="checkbox"/>	1	String, heavy cord, 25'	Phys 1, 8	MC-STRING	\$2.00
<input type="checkbox"/>	1	Paper Clips, small, 100/box	Phys 1,3,10,12 Numerous paper clips are required. Purchase these if not available at home.	GS-PCLIPSM	\$0.60
<input type="checkbox"/>	1	Snap Circuits Jr. 100 Kit	Phys 2 Optional additional electronics activity.	KT-SNAP100	\$30.50

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input checked="" type="checkbox"/>	1	Slinky, metal, extra large	Phys 3	MC-SLINKY2	\$7.05
<input checked="" type="checkbox"/>	1	Tape Measure, Flexible, 150 cm	Phys 3,4	ME-TAPE1	\$1.50
<input type="checkbox"/>	1	Platform scale, 450 g capacity	Phys 3,4,6	BS-SCALEDT	\$7.05
<input type="checkbox"/>	1	Toy car	Phys 4	MC-TOYCAR	\$1.00
			Optional, many small toy cars will work.		
<input checked="" type="checkbox"/>	1	Ball, steel, 0.5", each	Phys 6	MC-BALLS2S	\$0.75
<input checked="" type="checkbox"/>	1	Ball, steel, 1", each	Phys 6	MC-BALLSTL	\$1.95
<input type="checkbox"/>	1	Digital Stop Watch, 2"	Phys 6	ME-STOPWAT	\$5.65
			Optional, many digital timers will work.		
<input checked="" type="checkbox"/>	1	Compass, magnetic, 1.5"	Phys 7	GS-COMPASS	\$3.00
<input type="checkbox"/>	1	Battery, 9-volt, alkaline	Phys 9	EL-BALK-9V	\$2.95
<input type="checkbox"/>	1	Digital Multimeter	Phys 9	EL-DIGMULT	\$15.00
			Optional, needed to measure voltage but can be excluded or purchased separately.		
<input checked="" type="checkbox"/>	1	Steel Wool	Phys 9	GS-STLWOOL	\$1.75
<input type="checkbox"/>	1	Methylene Blue, 1%, 30 ml	Biol 13	CH-METHBLU	\$4.60
			Optional, can substitute iodine.		
<input type="checkbox"/>	1	Clam Dissection Guide	Biol 14A	DE-GDCLAM	\$1.50
			Necessary for clam dissection in Lab 14A.		
<input type="checkbox"/>	1	Clam Specimen, Freshwater, 4"-5", Plain	Biol 14A	PM-CLAM	\$3.25
			Necessary for clam dissection in Lab 14A.		
<input type="checkbox"/>	1	Crayfish Dissection Guide	Biol 14A	DE-GDCRAW	\$1.50
			Necessary for crayfish dissection in Lab 14A.		
<input type="checkbox"/>	1	Crayfish Specimen, 4"-6", Plain	Biol 14A	PM-CRAYFSH	\$2.10
			Necessary for crayfish dissection in Lab 14A.		
<input type="checkbox"/>	1	Earthworm Dissection Guide	Biol 14A	DE-GDWORM	\$1.10
			Necessary for worm dissection in Lab 14A.		
<input type="checkbox"/>	1	Earthworm Specimen, 9-12", Plain	Biol 14A	PM-WORM	\$1.30
			Necessary for worm dissection in Lab 14A.		
<input type="checkbox"/>	1	Starfish Dissection Guide	Biol 14A	DE-GDSTAR	\$1.50
			Necessary for starfish dissection in Lab 14A.		
<input type="checkbox"/>	1	Starfish Specimen, Plain	Biol 14A	PM-STARFSH	\$3.25
			Necessary for starfish dissection in Lab 14A.		
<input type="checkbox"/>	1	Basic Dissecting Tools Set	Biol 14A, 15A, 16A	DE-SETBAS	\$7.90
<input type="checkbox"/>	4	Dissecting Tray, Styrofoam	Biol 14A, 15A, 16A	DE-TRAYS	\$0.80
			If disposing of trays, order more for additional dissections.		
<input type="checkbox"/>	1	Choice Chamber	Biol 14B	BE-CHAMBER	\$6.25
<input type="checkbox"/>	1	Dogfish Shark Specimen, 18"-22", Double Injected	Biol 15A	PM-DOGFISH	\$18.50
			Necessary for shark dissection in Lab		
<input type="checkbox"/>	1	Frog Dissection Guide	Biol 15A	DE-GDFROG	\$1.10
			Necessary for frog dissection in Lab 15A.		
<input type="checkbox"/>	1	Frog Specimen, Grass, 3.5"-4", Plain	Biol 15A	PM-FROG4P	\$4.35
			Necessary for frog dissection in Lab 15A.		
<input type="checkbox"/>	1	Perch Dissection Guide	Biol 15A	DE-GDPERCH	\$1.50
			Necessary for perch dissection in Lab 15A.		

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input type="checkbox"/>	1	Perch Specimen, Medium 7"-9", Plain	Biol 15A Necessary for perch dissection in Lab 15A.	PM-PERCH9P	\$3.50
<input type="checkbox"/>	1	Shark Dissection Guide, basic	Biol 15A Necessary for shark dissection in Lab 15A.	DE-GDSHRK2	\$3.20
<input type="checkbox"/>	1	Binoculars, 8 x 21 compact	Biol 15B Optional lab.	OP-BI8X21K	\$27.50
<input type="checkbox"/>	1	Fetal Pig Dissection Guide, basic	Biol 16A Necessary for pig dissection in Lab 16A.	DE-GDPIGSP	\$2.20
<input type="checkbox"/>	1	Fetal Pig Specimen, 7"-10", Double Injected	Biol 16A Necessary for pig dissection in Lab 16A.	PM-PIG2	\$26.00
<input checked="" type="checkbox"/>	1	Beaker, glass, 100 ml	Chem 11	CE-BEI0100	\$2.20
<input checked="" type="checkbox"/>	1	Clear Glue, 5 oz	Chem 11	PT-CLRGLUE	\$2.85
<input checked="" type="checkbox"/>	1	Cornstarch, food grade, 1lb or 450g	Chem 11	CH-CORNSTC	\$2.50
<input checked="" type="checkbox"/>	1	Lab Apron No 3, plastic, 2 mil	Chem 11	CE-APRON3	\$0.95
<input type="checkbox"/>	1	Nylon Synthesis and Rope Trick Kit	Chem 11 Purchase separately for "Just for Fun" experiment in Chemistry Lab 11.	KT-ISNYLON	\$23.00
<input checked="" type="checkbox"/>	1	School Glue, 4oz	Chem 11	PT-SCHGLUE	\$1.60
<input checked="" type="checkbox"/>	1	Stirring Rod, glass, 10"	Chem 11	CE-STIR10	\$0.90
<input checked="" type="checkbox"/>	1	Tongue Depressors, 10 pack	Chem 11	GS-TONGDEP	\$1.25
<input checked="" type="checkbox"/>	1	Chemical Splash Safety Goggles, Adult	Chem 11,13	CE-GOGGLE1	\$4.65
<input checked="" type="checkbox"/>	1	Sodium Tetraborate, 30 g (Borax)	Chem 11; Biol 8	CH-NA2B4O7	\$3.65
<input checked="" type="checkbox"/>	1	Test Tubes, extra large, 20 x 150 mm, 2/pack	Chem 12	CE-TTUBEXL	\$2.70
<input type="checkbox"/>	1	Wooden Splints, 20 pack	Chem 12 Optional, use Q-tips instead.	CE-SPLINTS	\$1.60
<input checked="" type="checkbox"/>	2	Balloons, medium, 9"	Phys 10	GS-BALLOMD	\$0.25
<input checked="" type="checkbox"/>	8	Straws, flexible plastic	Phys 10	PT-STRAWFL	\$0.10
<input checked="" type="checkbox"/>	1	Electricity Science Kit	Phys 11, 12	EL-KITBASC	\$19.00
<input checked="" type="checkbox"/>	1	Bar Magnets, 1.2" ceramic, 2 pack	Phys 12	MG-BAR1C	\$1.70
<input checked="" type="checkbox"/>	1	Battery, 6 volt	Phys 12	EL-BATT6	\$8.55
<input checked="" type="checkbox"/>	1	Copper Wire, insulated, #24, 15'	Phys 12	EL-WIRE24H	\$2.35
<input checked="" type="checkbox"/>	1	Iron Metal Filings, 30 g	Phys 12	CH-IRON	\$2.40
<input checked="" type="checkbox"/>	1	Nail, 16D, bright box	Phys 12	PT-NAIL16C	\$0.10

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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