

**HST science lab supplies list for use with:**

**Biology: God's Living Creation (10), 4th Edition by A Beka Book**

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 use with A Beka Biology Grade 10	<b>1-23, Projects</b> Contains the "X" marked items in the quantity we recommend. Order additional items as necessary to meet your needs.	AB-KIT10	\$267.95
<input type="checkbox"/>	1	Home LED Microscope	<b>2-4,6-9,11,13,16,20,22,23</b> We recommend this microscope as the best choice for most home schools. See our website for other microscope options.	MI-4100LST	\$204.95
<input type="checkbox"/>	1	Wildflowers Golden Guide	<b>1</b> Optional. You can get a field guide at the library.	BK-GFLOWER	\$6.95
<input checked="" type="checkbox"/>	1	Magnifier, double lens, 5X/10X	<b>1,4-6,14-21, Projects</b>	OP-MAG10LG	\$3.95
<input type="checkbox"/>	1	Plant Press 6" x 9"	<b>1,Tree Project</b> Optional. You can make one with the instructions in the lab manual.	BE-PRE0609	\$19.50
<input checked="" type="checkbox"/>	2	Pipet (medicine dropper)	<b>10,11</b>	CE-DROPPER	\$0.45
<input type="checkbox"/>	1	Friction pad, wool, 6x6"	<b>2</b> Use any wool cloth.	GS-PADWOOL	\$1.95
<input type="checkbox"/>	1	Beaker, glass, 250 ml	<b>2,3,4</b> Use any small jar or cup.	CE-BEI0250	\$2.30
<input checked="" type="checkbox"/>	1	Microscope Slide Set, Basic	<b>2-4,5-7,11,16,20,22, Pond</b>	MS-SLIDSET	\$6.75
<input type="checkbox"/>	1	Lens Cleaner, 60 ml	<b>2-4,6-9,11,13,16,20,22,23</b> Recommended for extensive microscope use.	MI-LENSCLN	\$3.15
<input type="checkbox"/>	1	Lens Cleaning Paper, 50 pack	<b>2-4,6-9,11,13,16,20,22,23</b> Recommended for extensive microscope use.	MI-PAPER	\$1.60
<input checked="" type="checkbox"/>	1	Advanced Dissecting Tools	<b>2-7,9,12,14-22,Pond Study</b>	DE-SET1	\$9.95
<input type="checkbox"/>	1	Elodea (Anacharis) - Live Culture	<b>3</b> Live culture. Recommend ordering a week before the lab if you want to make slides.	LD-ELODEA	\$15.95
<input type="checkbox"/>	1	Ficus (dicot) leaf slide, c.s.	<b>3</b> Included in prepared slide set.	MS-FICLEAF	\$3.50
<input type="checkbox"/>	1	Colored Pencils	<b>3, 6-8</b> Order if you do not have colored pencils at home.	BE-CPENCIL	\$2.95
<input type="checkbox"/>	1	Flowers slide, monocot and dicot, c.s.	<b>4</b> Optional. Order if you want to use a prepared slide instead of making your own.	MS-FLOWER	\$4.70
<input checked="" type="checkbox"/>	1	Methylene Blue, 1%, 30 ml	<b>4</b>	CH-METHBLU	\$4.50
<input checked="" type="checkbox"/>	1	Seeds, baby lima bean, pack	<b>5</b>	LM-SEEDBEA	\$1.30
<input checked="" type="checkbox"/>	1	Seeds, corn, pack	<b>5</b>	LM-SEEDCOR	\$1.40
<input checked="" type="checkbox"/>	1	Iodine (Lugol's) Biological Stain Solution, 30 ml	<b>5,10</b>	CH-IODINE	\$4.85

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<input type="checkbox"/>	8	Bottle, dropper, 30 ml	<b>5,10, Pond Study</b> Baby food jars will also work if you order several extra pipets.	CE-BTGDROP	\$1.60
<input checked="" type="checkbox"/>	1	Chemical Splash Safety Goggles, Adult	<b>5,10,22, Pond Study</b> Required for both teacher and student when using strong chemicals. Order extras as needed.	CE-GOGGLE1	\$3.20
<input checked="" type="checkbox"/>	1	Lab Apron No 3, plastic, 2 mil	<b>5,10,22, Pond Study</b> Required for both teacher and student when using chemicals. Order extras as needed.	CE-APRON3	\$0.80
<input checked="" type="checkbox"/>	1	Safety Gloves, size 8 - 8.5 Medium	<b>5,10,22, Pond Study</b> 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	\$2.95
<input type="checkbox"/>	1	Ranunculus (Buttercup) slide, stem, c.s.	<b>6</b> Included in prepared slide set. Use instead of alfalfa stem.	MS-RANSTEM	\$3.60
<input checked="" type="checkbox"/>	1	Seeds, radish, pack	<b>6</b>	LM-SEEDVEG	\$1.20
<input type="checkbox"/>	1	Tilia (Basswood) slide, c.s.	<b>6</b> Included in prepared slide set.	MS-BASSWD	\$3.35
<input type="checkbox"/>	1	Zea Mays (Corn) slide, stem, c.s.	<b>6</b> Included in prepared slide set.	MS-ZEASTEM	\$3.50
<input checked="" type="checkbox"/>	1	Petri Dishes, polystyrene, 90 x 15 mm, 2 pack	<b>6, 11, Pond Study</b> Also use instead of 8" culture dish in Pond Study Project.	BE-PETRI1	\$1.40
<input type="checkbox"/>	1	Allium (onion) root tip slide, l.s.	<b>6, 23</b> Included in prepared slide set.	MS-ALLROOT	\$3.25
<input type="checkbox"/>	1	Desmids (green algae) slide, w.m.	<b>7</b> Included in prepared slide set.	MS-DESMID	\$3.85
<input type="checkbox"/>	1	Diatoms slide, mixed, w.m.	<b>7</b> Included in prepared slide set.	MS-DIATMIX	\$3.70
<input type="checkbox"/>	1	Spirogyra (green algae) slide, w.m.	<b>7</b> Included in prepared slide set.	MS-SPIROC	\$3.85
<input type="checkbox"/>	1	Volvox (green algae) slide, w.m.	<b>7</b> Included in prepared slide set.	MS-VOLVOX	\$3.50
<input checked="" type="checkbox"/>	1	Protozoa Culture Kit	<b>7, 22, Pond Study</b> You can use this culture to grow algae and produce an environment similar to pond water, but it will have fewer life forms. Can also be used for lab #22 if you do both around the same time, or a second kit can be ordered.	LM-PROTIST	\$6.95
<input type="checkbox"/>	1	Cartilage, hyaline, sec.	<b>8</b> Included in prepared slide set.	MS-CARTHYA	\$4.30
<input type="checkbox"/>	1	Human bone slide, ground, c.s.	<b>8</b> Included in prepared slide set.	MS-HUBONE	\$8.50
<input type="checkbox"/>	1	Muscle slide, 3 types, section	<b>8</b> Included in prepared slide set.	MS-MUSC3	\$5.50
<input type="checkbox"/>	1	Neuron slide, motor, smear	<b>9</b> Included in prepared slide set.	MS-NEURON	\$3.50
<input type="checkbox"/>	1	Percussion or Reflex Hammer	<b>9</b> Optional.	MC-PERCHAM	\$4.25
<input checked="" type="checkbox"/>	1	Sheep Brain Specimen	<b>9</b>	PM-BRAINSH	\$14.95
<input checked="" type="checkbox"/>	1	Dissecting Pan, 10" x 7"	<b>9,12,14-21</b>	DE-FLEXPAN	\$8.30
<input checked="" type="checkbox"/>	1	2,6-Dichloroindophenol (Indophenol), 0.5 g	<b>10</b>	CH-INDOPH	\$5.95
<input checked="" type="checkbox"/>	1	Ascorbic Acid, 5 g (vitamin C)	<b>10</b>	CH-ASCORB	\$4.30
<input checked="" type="checkbox"/>	1	Beaker, glass, 1000 ml	<b>10</b>	CE-BEI1000	\$8.30
<input checked="" type="checkbox"/>	1	Benedict's Solution, 100 ml	<b>10</b>	CH-BENSOL	\$4.25

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<input checked="" type="checkbox"/>	1	Biuret Reagent, 30 ml	10	UN-BIURET	\$3.80
<input checked="" type="checkbox"/>	1	Dextrose (glucose), 30 g	10	CH-DEXTROS	\$3.50
<input checked="" type="checkbox"/>	1	Gelatin, unflavored	10	PT-GELATIN	\$1.00
<input type="checkbox"/>	1	Starch, water soluble, 30 g	10 Corn starch will work but is difficult to dissolve.	CH-STARCH	\$4.85
<input checked="" type="checkbox"/>	1	Test Tube Clamp	10	CE-TUBHOLD	\$1.85
<input checked="" type="checkbox"/>	1	Test Tube Rack, 25 mm, 24 holes	10	CE-TTR2524	\$6.95
<input checked="" type="checkbox"/>	5	Test Tubes, large 16 x 150 mm, 2/pack	10	CE-TTUBELG	\$1.80
<input type="checkbox"/>	1	Wax pencil (marks glass)	10 Use sharp crayon.	BE-WAXPENC	\$1.30
<input type="checkbox"/>	0	Digital Scale, 200 g x 0.01 g	10, General Lab Use Optional. A scale is needed to mix chemicals properly. This scale is ideal for most junior and high school science courses.	BS-DB0200	\$56.95
<input checked="" type="checkbox"/>	1	Alcohol Lamp & Stand Set	10, Pond Study Order instead of the Bunsen burner and ring stand setup.	CE-LAMPKIT	\$13.50
<input checked="" type="checkbox"/>	1	Graduated Cylinder, glass, 100 ml	10, Pond Study Needed to prepare solutions.	CE-CYGL100	\$6.30
<input type="checkbox"/>	1	Denatured Alcohol Fuel, 16 ounces	10,Pond Optional. Order only if you don't want to purchase denatured alcohol locally for the alcohol lamp.	UN-ALCFUEL	\$8.40
<input type="checkbox"/>	1	Human blood slide, Wright's stain, smear	11 Included in prepared slide set.	MS-HUBLOOD	\$3.10
<input type="checkbox"/>	1	Fish Net, 4"	11, Pond Study Use any fish net.	BE-FISHNET	\$1.75
<input checked="" type="checkbox"/>	1	Sheep Heart Specimen	12	PM-HEARTSH	\$5.50
<input type="checkbox"/>	4	Gloves, Nitrile, Medium, Pair	12,14,15,16,17,19,20,21 Ideal for dissections.	GS-GLOVNIT	\$0.80
<input type="checkbox"/>	1	Human skin slide, white, section	13 Included in prepared slide set.	MS-HUSKIN	\$5.05
<input type="checkbox"/>	1	Human squamous epithelium slide, smear	13 Included in prepared slide set.	MS-HUSQUAM	\$4.30
<input checked="" type="checkbox"/>	1	Fetal Pig Specimen, 10"-13", Double Injected	14	PM-PIGXLG	\$31.95
<input checked="" type="checkbox"/>	1	String, heavy cord, 25'	14	MC-STRING	\$1.80
<input checked="" type="checkbox"/>	1	Dissection Pins, 6 pack	14-18, 21	DE-PINS	\$0.80
<input checked="" type="checkbox"/>	1	Frog Specimen, Grass, 3.5"-4", Single Injected	15	PM-FROG4S	\$5.30
<input checked="" type="checkbox"/>	1	Perch Specimen, Large 9"-12", Plain	16	PM-PERCH	\$6.10
<input checked="" type="checkbox"/>	1	Grasshopper Specimen, Lubber, Large	17	PM-GRASHOP	\$1.35
<input checked="" type="checkbox"/>	1	Crayfish Specimen, 4"-6", Plain	19	PM-CRAYFSH	\$2.10
<input checked="" type="checkbox"/>	1	Starfish Specimen, 3"-6", Plain	20	PM-STARFSH	\$3.10
<input checked="" type="checkbox"/>	1	Earthworm Specimen, 9-12", Plain	21	PM-WORM	\$1.30
<input type="checkbox"/>	1	Daphnia (crustacean) slide, w.m.	22 Included in prepared slide set.	MS-DAPHNIA	\$3.10
<input checked="" type="checkbox"/>	1	Daphnia Instant Culture Kit	22	LM-INSDAPH	\$11.95
<input type="checkbox"/>	1	Protozoa mix slide, w.m.	22 Included in prepared slide set.	MS-PROTOZA	\$6.40

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input type="checkbox"/>	1	Protozoa Mixture - Live Culture	<b>22</b> Order to view live specimens in addition to prepared slides. The Protozoa Hatchery Kit referenced for lab #7 can be used to grow your own protists for this lab if you rearrange the labs to do #7 and #22 around the same time.	LD-PROTOZA	\$19.20
<input type="checkbox"/>	1	Rotifers slide, w.m.	<b>22</b> Included in prepared slide set.	MS-ROTIFER	\$4.30
<input checked="" type="checkbox"/>	1	Methyl Cellulose, 1.5%, 30 ml	<b>22, Pond Study</b>	CH-METHCEL	\$3.60
<input checked="" type="checkbox"/>	1	Slide Set for use with A Beka Biology	<b>3,4,6,7,8,9,11,13,22,23</b> Contains the 20 prepared microscope slides needed to this course.	MS-SETAB10	\$54.95
<input checked="" type="checkbox"/>	1	Ethyl Acetate, 30 ml	<b>Insect Project</b>	UN1173	\$5.50
<input type="checkbox"/>	1	Insect Exhibit Case 8" x 12"	<b>Insect Project</b> Optional. This includes an insect mounting board. See our website for other display cases.	BE-CASEINS	\$16.50
<input checked="" type="checkbox"/>	1	Insect Killing Jar, 9 oz	<b>Insect Project</b>	BE-KILLJAR	\$4.95
<input checked="" type="checkbox"/>	1	Insect Pins, size 2, student	<b>Insect Project</b>	BE-INSP02E	\$4.80
<input checked="" type="checkbox"/>	1	Insect Spreading Board, 12" x 4"	<b>Insect Project</b>	BE-INSECB	\$3.60
<input type="checkbox"/>	1	Insects Golden Guide	<b>Insect Project</b> Optional. You can get a field guide at the library.	BK-GINSECT	\$6.95
<input type="checkbox"/>	1	Standard Insect Net	<b>Insect Project</b> Optional. You can make one as described in the lab manual. See our website for other items to collect and display insects.	BE-NETSTD	\$13.40
<input type="checkbox"/>	1	Fertilizer Soluble, 30 g	<b>Pond Study</b> Any fertilizer will work. Highly water soluble ones are best.	CH-FERTIL	\$4.95
<input type="checkbox"/>	1	Hydrochloric Acid, 30 ml	<b>Pond Study</b> Optional section.	UN1789	\$6.10
<input type="checkbox"/>	1	pH Papers, 1-14 range, 80 pack	<b>Pond Study</b> Optional section.	CH-PHSTRIP	\$1.95
<input type="checkbox"/>	1	Sodium Hydroxide, 30 g	<b>Pond Study</b> Optional section.	UN1823	\$5.50
<input type="checkbox"/>	1	Trees Golden Guide	<b>Tree Identification Project</b> Optional. You can get a field guide at the library.	BK-GTREESP	\$6.95

**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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