

HST science lab supplies list for use with:

## Science LightUnit<sup>®</sup> 700 Series by Christian Light Publications

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 Christian Light Science Grade 7       | <b>701-710</b><br>Contains the "X" marked items in the quantity we recommend. Order additional items as necessary to meet your needs.  | CL-KIT07    | \$88.95    |
| <input type="checkbox"/>            | 1               | Home LED Microscope                               | <b>701</b><br>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  | \$204.95   |
| <input type="checkbox"/>            | 1               | Lens Cleaner, 60 ml                               | <b>701</b><br>Recommended to keep your microscope lenses clean.  | MI-LENSCLN  | \$3.15     |
| <input type="checkbox"/>            | 1               | Lens Cleaning Paper, 50 pack                      | <b>701</b><br>Recommended to keep your microscope lenses clean.  | MI-PAPER    | \$1.60     |
| <input checked="" type="checkbox"/> | 1               | Slides, plain glass, 12 pack                      | <b>701</b>   | MS-SLIDEPL  | \$1.70     |
| <input checked="" type="checkbox"/> | 1               | Test Tube Clamp                                   | <b>701,702</b>   | CE-TUBHOLD  | \$1.85     |
| <input checked="" type="checkbox"/> | 1               | Alcohol Lamp & Stand Set                          | <b>701,702,705</b><br>A stove burner will work if used very carefully.   | CE-LAMPKIT  | \$13.50    |
| <input type="checkbox"/>            | 1               | Denatured Alcohol Fuel, 16 ounces                 | <b>701,702,705</b><br>Optional. Order only if you don't want to purchase denatured alcohol locally for the alcohol lamp.   | UN-ALCFUEL  | \$8.40     |
| <input type="checkbox"/>            | 2               | Ethyl Alcohol, 95%, 30 ml                         | <b>701,702,705</b><br>Optional. Order only if you don't want to purchase denatured alcohol locally for the alcohol lamp.   | UN-ETHYALC  | \$5.00     |
| <input checked="" type="checkbox"/> | 1               | Iodine (Lugol's) Biological Stain Solution, 30 ml | <b>701,702,705</b>   | CH-IODINE   | \$4.85     |
| <input checked="" type="checkbox"/> | 1               | Magnifying Glass, 2", 3X Lens                     | <b>701,702,704</b>   | OP-MAGNIFY  | \$2.30     |
| <input checked="" type="checkbox"/> | 2               | Pipet (medicine dropper)                          | <b>701,702,705,709</b>   | CE-DROPPER  | \$0.45     |
| <input checked="" type="checkbox"/> | 1               | Test Tube Rack, 20 mm, 40 holes                   | <b>701,702,706</b><br>Not in text but highly recommended to hold test tubes upright. You can also use a beaker.  | CE-TTR2040  | \$6.95     |
| <input checked="" type="checkbox"/> | 4               | Test Tubes, large 16 x 150 mm, 2/pack             | <b>701,702,705,706</b>   | CE-TTUBELG  | \$1.80     |
| <input checked="" type="checkbox"/> | 1               | Razor Blade, single edge, 1 pack                  | <b>701,704</b><br>Also use to dissect flowers in 704.  | CE-RAZOR    | \$0.40     |
| <input checked="" type="checkbox"/> | 1               | Seeds, baby lima bean, pack                       | <b>701,704</b><br>These seeds can also be used instead of lima beans in 704.   | LM-SEEDBEA  | \$1.30     |
| <input checked="" type="checkbox"/> | 1               | Ruler, 30 cm                                      | <b>701,704,706,707</b>   | ME-RULER    | \$0.90     |
| <input checked="" type="checkbox"/> | 1               | Beaker, glass, 250 ml                             | <b>701,706</b>   | CE-BEI0250  | \$2.30     |
| <input type="checkbox"/>            | 2               | Clay, modeling, 1/4 lb.                           | <b>702</b><br>Optional. Only needed if you plan to make the heart model for 702 p. 23.   | GS-CLAY     | \$2.10     |

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| <input checked="" type="checkbox"/> | 1               | Dialysis Tubing, Semi-Permeable Membrane, 12" | <b>702</b><br>This membrane is enough to do the experiment 3 times. Cut off pieces as                             | BE-MEMBR LG | \$2.30     |
| <input checked="" type="checkbox"/> | 1               | Glucose Test Strips, 10 pack                  | <b>702</b>  | BE-GLUTES   | \$3.95     |
| <input type="checkbox"/>            | 1               | Human blood slide, Wright's stain, smear      | <b>702</b><br>Optional.   | MS-HUBLOOD  | \$3.10     |
| <input type="checkbox"/>            | 1               | Human bone slide, ground, c.s.                | <b>702</b><br>Optional.   | MS-HUBONE   | \$8.50     |
| <input type="checkbox"/>            | 1               | Human muscle slide, striated, I.s.            | <b>702</b><br>Optional.   | MS-HUMUSC   | \$4.85     |
| <input type="checkbox"/>            | 1               | Human skin slide, white, section              | <b>702</b><br>Optional.   | MS-HUSKIN   | \$5.05     |
| <input type="checkbox"/>            | 1               | Lung Volume Kit                               | <b>702</b><br>Optional.   | BE-LUNGKIT  | \$13.95    |
| <input type="checkbox"/>            | 1               | Neuron slide, motor, smear                    | <b>702</b><br>Optional.   | MS-NEURON   | \$3.50     |
| <input type="checkbox"/>            | 2               | Rubber Stopper, #0, solid                     | <b>702</b><br>Optional. You can just put your thumb over the test tubes to shake them.                            | CE-STOP0XC  | \$0.35     |
| <input type="checkbox"/>            | 1               | Sheep Heart Specimen                          | <b>702</b><br>Optional. Can be used instead of a beef heart if you plan to do the activity in 702 p. 23.          | PM-HEARTSH  | \$5.50     |
| <input checked="" type="checkbox"/> | 1               | Vegetable Rennet                              | <b>702</b>  | CH-VRENNET  | \$8.75     |
| <input checked="" type="checkbox"/> | 1               | Calcium Hydroxide, 30 g                       | <b>702,705</b><br>Use to make limewater.  | CH-CA(OH)2  | \$3.50     |
| <input checked="" type="checkbox"/> | 1               | Straw set, 15 pieces                          | <b>702,705</b>  | GS-STRAWST  | \$1.20     |
| <input checked="" type="checkbox"/> | 4               | Cup, clear plastic, 8 oz, 3 pack              | <b>702,705,706,709</b><br>Can also be used instead of baby food jars.   | CE-BEAKCUP  | \$0.70     |
| <input checked="" type="checkbox"/> | 1               | P.T.C. Test Paper, 100/vial                   | <b>704</b>  | CH-PTCTEST  | \$2.10     |
| <input checked="" type="checkbox"/> | 1               | Paper, construction, 12 sheets                | <b>704,706,708,709</b><br>Also use instead of colored cloth for 706 and Styrofoam balls for 705.                  | GS-PAPERCS  | \$1.70     |
| <input type="checkbox"/>            | 3               | Bottle, dropper, 30 ml                        | <b>705</b><br>Optional. Only needed if you make the Feen-a-mint test solution.                                    | CE-BTGDROP  | \$1.60     |
| <input checked="" type="checkbox"/> | 1               | Phenolphthalein solution, 30ml                | <b>705</b><br>Order instead of making Feen-a-mint solution.   | UN-PHENOLS  | \$6.00     |
| <input type="checkbox"/>            | 1               | Styrofoam balls, 2" diameter, 2 pack          | <b>705</b><br>Optional. Only needed if you will make your model out of Styrofoam balls rather than colored paper. | GS-STYBAL2  | \$1.80     |
| <input checked="" type="checkbox"/> | 1               | Balloon Set of 9                              | <b>705,708</b>  | GS-BALLOON  | \$1.80     |
| <input checked="" type="checkbox"/> | 1               | Cellophane, 3 pack                            | <b>706</b>  | GS-CELLO    | \$1.20     |
| <input checked="" type="checkbox"/> | 1               | Mirror, glass plane, 4"x 4"                   | <b>706</b>  | OP-MIRROR3  | \$2.00     |
| <input checked="" type="checkbox"/> | 1               | Tuning Fork, C, 256 cps                       | <b>706</b>  | MC-TF0256   | \$5.65     |
| <input type="checkbox"/>            | 1               | String, heavy cord, 25'                       | <b>706,707</b><br>Optional. Order only if you don't have a piece of string.                                       | MC-STRING   | \$1.80     |
| <input type="checkbox"/>            | 1               | Sand, coarse, 1 lb                            | <b>707</b><br>Optional. Can be used for the weight.   | GS-SANDCRS  | \$1.50     |
| <input checked="" type="checkbox"/> | 1               | Spring scale, 1000 g/10 Newton                | <b>707</b><br>You can use up to a 2.2 lb. object with this scale. Convert grams to pounds (454 g = 1 lb.).        | BS-SCALE3   | \$4.10     |
| <input type="checkbox"/>            | 1               | Light, small beam penlight                    | <b>708,709</b><br>Use any small flashlight.   | OP-LIGHT3   | \$3.50     |

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| <input type="checkbox"/>            | 1               | <b>Diffraction Grating</b>     | <b>709</b><br>Optional. Order only if you plan to make a spectroscope instead of buying OP-SPECTO.   | <b>OP-DIFFGR1</b> | <b>\$1.70</b>  |
| <input checked="" type="checkbox"/> | 1               | <b>Spectroscope</b>            | <b>709</b><br>We recommend this inexpensive spectroscope instead of making one. It will be easier to use. Use any electric light for the light bulb in this lab. | <b>OP-SPECTRO</b> | <b>\$5.95</b>  |
| <input type="checkbox"/>            | 1               | <b>Star and Planet Locator</b> | <b>709</b><br>Optional. This is a helpful aid for the star study.  | <b>AS-STARLOC</b> | <b>\$5.20</b>  |
| <input type="checkbox"/>            | 1               | <b>3D Star Theater</b>         | <b>709,710</b><br>Optional.  | <b>AS-THEATER</b> | <b>\$34.95</b> |

**Please Read Before Ordering**

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