

HST science lab supplies list for use with:

Earth Science for Christian Schools® (8), 4th Ed. by Bob Jones University Press

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 Bob Jones Earth Science 8 | 1B-25A Contains the "X" marked items in the quantity we recommend. Order additional items as necessary to meet your needs. | BJ-KIT08 | \$220.95 |
| <input type="checkbox"/> | 1 | Bob Jones Earth Science 8 Teacher's Edition | All Labs | BJ-SCI08-C | \$76.65 |
| <input type="checkbox"/> | 1 | Bob Jones Earth Science 8 Textbook | All Labs | BJ-SCI08-B | \$69.15 |
| <input type="checkbox"/> | 1 | Digital Scale, 2000 g x 0.1 g | 1B, 2A, 2B, 12A, 12C, 15B | BS-DB2000 | \$52.95 |
| <input type="checkbox"/> | 1 | Colored Pencils | 1C, 18A, 20B, 21B | BE-CPENCIL | \$2.95 |
| <input checked="" type="checkbox"/> | 1 | Density Cylinders Set of 4 | 2A Use the density cylinders in place of wood blocks. | MC-DENSCYL | \$10.75 |
| <input type="checkbox"/> | 1 | Ruler, 30 cm | 2A, 7A-C, 8B, 12B, 12C, other | ME-RULER | \$0.90 |
| <input checked="" type="checkbox"/> | 3 | Graduated Cylinder, polypropylene, 50 ml | 2B | CE-CYPP50 | \$2.50 |
| <input checked="" type="checkbox"/> | 1 | Glycerin, 100 ml | 2B, 5C, 18A We recommend reusing the glycerin after labs 2B and 5C. We also recommend completing lab 5C on a smaller scale as we only provide 100ml of the glycerin. | CH-GLYC100 | \$4.60 |
| <input checked="" type="checkbox"/> | 3 | Pipet (medicine dropper) | 2B, 5C, 10A | CE-DROPPER | \$0.45 |
| <input checked="" type="checkbox"/> | 1 | Protractor, 6" semi-circle | 3A, 3B, 7A, 22B, 22C, others | ME-PROTRSM | \$0.85 |
| <input checked="" type="checkbox"/> | 1 | String, heavy cord, 25' | 3A, 3B, 7A, 9A, 9B, 15B, other | MC-STRING | \$1.80 |
| <input checked="" type="checkbox"/> | 1 | Washers, 1", 5 pack | 3A, 6A, 7A Use in place of fishing weights or nuts. | GS-WASHERS | \$0.90 |
| <input checked="" type="checkbox"/> | 4 | Straw, 0.30" diameter | 3A, 7A, 25B, 25C | PT-CKSTR14 | \$0.10 |
| <input checked="" type="checkbox"/> | 4 | Clay, modeling, 1/4 lb. | 3B, 6A, 7B, 17A, 19A | GS-CLAY | \$2.10 |
| <input type="checkbox"/> | 1 | Candle, 4" white | 4A Any candle will work. | OP-CANDLE | \$1.00 |
| <input checked="" type="checkbox"/> | 1 | Digital Stop Watch with Case, 2" | 4A, 25B | ME-STOPWAT | \$5.50 |
| <input checked="" type="checkbox"/> | 1 | Beaker, glass, 50 ml | 5C, 14A, 18A | CE-BEI0050 | \$1.80 |
| <input checked="" type="checkbox"/> | 1 | Food Coloring, 4 colors | 5C, 9A, 14A, 18A, 18B | CH-FOODCOL | \$3.50 |
| <input checked="" type="checkbox"/> | 2 | Beaker, glass, 250 ml | 5C, 9A, 9B, 10A, 12C, 15B For experiments that call for multiple beakers use additional glass jars. | CE-BEI0250 | \$2.30 |
| <input checked="" type="checkbox"/> | 1 | Battery, 6 volt | 6A | EL-BATT6 | \$6.75 |
| <input checked="" type="checkbox"/> | 1 | Bulb holder, 1-bulb | 6A | EL-BULBHD1 | \$1.10 |
| <input checked="" type="checkbox"/> | 1 | Bulb, screw style, 6.3-volt | 6A | EL-LAMP6 | \$0.60 |
| <input checked="" type="checkbox"/> | 1 | C-clamp, 2" | 6A | GS-CLAMP | \$3.95 |
| <input checked="" type="checkbox"/> | 1 | Copper Wire, insulated, #24, 15' | 6A | EL-WIRE24H | \$2.15 |
| <input checked="" type="checkbox"/> | 1 | Dowel, 1/4", 12" long | 6A | PT-DOWL250 | \$0.60 |

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| <input checked="" type="checkbox"/> | 1 | Right Angle Clamp | 6A, 18A | CE-RCLAMP | \$5.50 |
| <input checked="" type="checkbox"/> | 1 | Support Stand, 4" x 6" base, 18" rod | 6A, 9B, 18A | CE-STAND2 | \$13.95 |
| <input checked="" type="checkbox"/> | 1 | Alum, 100 g | 9A | CH-ALUM | \$4.95 |
| <input checked="" type="checkbox"/> | 1 | Magnifying Glass, 2", 3X Lens | 9A, 10A, 11B, 12B, 12C | OP-MAGNIFY | \$2.30 |
| <input type="checkbox"/> | 1 | Deluxe Lab Hot Plate with Magnetic Stirrer | 9A, 12C A conventional oven can be used. | CE-HOTSTR2 | \$174.95 |
| <input checked="" type="checkbox"/> | 1 | Magnesium Sulfate, 100 g (Epsom salt) | 9A, 17B | CH-EPSOM | \$4.80 |
| <input checked="" type="checkbox"/> | 1 | Bar Magnets, 1.2" ceramic, 2 pack | 9B | MG-BAR1C | \$1.70 |
| <input checked="" type="checkbox"/> | 1 | Plate, ceramic, 1x2" | 9B | RM-STREAKC | \$1.50 |
| <input checked="" type="checkbox"/> | 1 | Plate, glass, 2x2" | 9B | RM-STREAKG | \$1.25 |
| <input checked="" type="checkbox"/> | 1 | Spring scale, 100 g/1 N | 9B | BS-SCALE4 | \$4.10 |
| <input checked="" type="checkbox"/> | 1 | Rock Study Kit, 15 specimens | 9B, 10A, 12A Use the limestone or marble in this kit to complete lab 12A. | RM-RKSTUDY | \$15.50 |
| <input checked="" type="checkbox"/> | 1 | Chemical Splash Safety Goggles, Adult | 10A, 12A | CE-GOGGLE1 | \$3.20 |
| <input checked="" type="checkbox"/> | 3 | Gloves, Nitrile, Medium, Pair | 10A, 12A | GS-GLOVNIT | \$0.80 |
| <input checked="" type="checkbox"/> | 1 | Hydrochloric Acid, 30 ml | 10A, 12A | UN1789 | \$6.10 |
| <input checked="" type="checkbox"/> | 1 | Lab Apron No 3, plastic, 2 mil | 10A, 12A | CE-APRON3 | \$0.80 |
| <input type="checkbox"/> | 4 | Beaker, glass, 100 ml | 12A Any glass jar will work. | CE-BEI0100 | \$1.90 |
| <input checked="" type="checkbox"/> | 1 | Cheesecloth, bleached | 12C | GS-CHCLOTH | \$2.80 |
| <input checked="" type="checkbox"/> | 1 | Beaker, glass, 1000 ml | 12C, 14A, 15B, 18B Use this beaker in lab 14a, conduct the experiments individually not simultaneously. | CE-BEI1000 | \$8.30 |
| <input checked="" type="checkbox"/> | 1 | Graduated Cylinder, glass, 250 ml | 12C, 15B, 18B Use instead of the 500ml cylinder in 15B. | CE-CYGL250 | \$8.10 |
| <input checked="" type="checkbox"/> | 1 | Hydrometer and Thermometer for Saltwater | 13A The hydrometer has a built in thermometer. | ME-HYDROM1 | \$6.95 |
| <input type="checkbox"/> | 5 | Bottle, 125 ml (4 oz), natural HDPE plastic | 13A, 16B | CE-BTP125N | \$1.30 |
| <input checked="" type="checkbox"/> | 1 | Graduated Cylinder, glass, 100 ml | 13A, 18A Use in place of thermos in lab 18A. To insulate wrap with foam or fiberglass insulation. | CE-CYGL100 | \$6.30 |
| <input checked="" type="checkbox"/> | 1 | Thistle Tube, glass, 250 mm | 14A Use the thistle tube in place of a long stemmed funnel in lab 14A. | BE-THISGLS | \$3.95 |
| <input checked="" type="checkbox"/> | 1 | Watch Glass, 65 mm | 14A, 18B | CE-WATCHSM | \$1.35 |
| <input checked="" type="checkbox"/> | 1 | Sand, fine, 1 lb. | 15B, 17A | GS-SANDFIN | \$1.50 |
| <input checked="" type="checkbox"/> | 1 | Rapitest Soil Test Kit | 16B | BE-SOILTST | \$18.25 |
| <input checked="" type="checkbox"/> | 1 | Pebbles, fine gravel, 1 lb. | 17A | GS-PEBBLE | \$1.95 |
| <input checked="" type="checkbox"/> | 1 | Plaster of paris, 4 oz. | 17A | GS-PLASTER | \$2.30 |
| <input checked="" type="checkbox"/> | 2 | Cup, clear plastic, 8 oz, 3 pack | 17A, 17B | CE-BEAKCUP | \$0.70 |
| <input checked="" type="checkbox"/> | 4 | Rubber Stopper, #0, solid | 17B | CE-STOP0XC | \$0.35 |
| <input checked="" type="checkbox"/> | 1 | Test Tube Rack, 6 holes | 17B | CE-TTRACK1 | \$3.50 |
| <input checked="" type="checkbox"/> | 2 | Test Tubes, large 16 x 150 mm, 2/pack | 17B | CE-TTUBELG | \$1.80 |
| <input checked="" type="checkbox"/> | 1 | Cup, paper, 8 oz, 4 pack | 18A | GS-CUPPAP | \$1.00 |
| <input checked="" type="checkbox"/> | 1 | Extension Clamp, 10" | 18A | CE-CLMPEXT | \$8.40 |
| <input checked="" type="checkbox"/> | 1 | Glass Tube, 5 mm, 12" long | 18A | CE-TUBEG12 | \$0.80 |

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| <input checked="" type="checkbox"/> | 1 | Rubber Stopper, # 6.5, 1-hole | 18A | CE-STOP06A | \$0.90 |
| <input checked="" type="checkbox"/> | 1 | Styrofoam Cups, 8 oz, 5 pack | 18B | CE-CUPSTYR | \$1.00 |
| <input checked="" type="checkbox"/> | 4 | Thermometer, Celsius, 12" | 18B | ME-THER30B | \$3.05 |
| <input checked="" type="checkbox"/> | 1 | Compass, magnetic, 1.5" | 22B | GS-COMPASS | \$2.90 |
| <input checked="" type="checkbox"/> | 1 | Tape Measure, Flexible, 150 cm | 22C | ME-TAPE1 | \$1.30 |
| <input type="checkbox"/> | 1 | Celestron Binoculars, 10 x 50 | 23A | OP-BI2023 | \$48.95 |
| <input type="checkbox"/> | 1 | Orion SpaceProbe II 76 mm Altazimuth Reflector Telescope | 23A | AS-TSPACIIA | \$119.95 |
| <input checked="" type="checkbox"/> | 1 | Star and Planet Locator | 24A | AS-STARLOC | \$5.20 |
| <input checked="" type="checkbox"/> | 2 | Cardboard tube, 1-1/2" X 15" | 25A | PT-TUBE115 | \$1.20 |
| <input checked="" type="checkbox"/> | 1 | Lens, double convex, 300mm f/l | 25A | OP-LEN4X30 | \$1.75 |
| <input checked="" type="checkbox"/> | 1 | Lens, double convex, 50mm f/l | 25A | OP-LEN4X05 | \$2.10 |

Use in place of the meterstick.

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