

**KIT CONTENTS LIST FOR USE WITH: Science LightUnit®**

**800 Series**

**Christian Light Publications**

*Home Science Tools is not affiliated with the above curriculum publisher.*

<u>Text Reference</u>	<u>Item Description</u>	<u>Item Quantity</u>	<u>Notes</u>
801, 802, 803	Digital Scale, 2000 g x 0.1 g (BS-DB2000)		Purchase separately from our website. The listed spring scale can be used instead of a balance for most experiments in this course. To do all labs, we recommend this digital scale as a faster, easier-to-use, and more economical alternative to a traditional mechanical balance. It will work for all labs in this curriculum.
801, 802	Graduated Cylinder, glass, 100 ml (CE-CYGL100)	1	Use instead of a 25 ml cylinder.
801, 802, 808, 809, 810	Ruler, 30 cm (ME-RULER )	1	
801, 802, 803, 810	Spring scale, 1000 g/10 Newton (BS-SCALE3 )		Optional for 801, 802, 803. Can be used instead of BS-DB2000 with reduced sensitivity. Place objects in plastic bags to weigh them.
802	Filter Paper, 11 cm, 10 pack (CE-FILTPAP)	1	
802	Funnel, plastic, 65 mm dia. (CE-FUNNEL )	1	
802	Marbles, pack of 15 (GS-MARBLSM)	1	
802	Sand, coarse, 1 lb (GS-SANDCRS)		Optional to purchase from our website or from your local hardware store.
802, 803	Test Tube Clamp (CE-TUBHOLD)	1	
802, 803, 804, 810	Alcohol Lamp Burner, Wickless (CE-LAMP )	1	Use instead of Bunsen burner.
802, 803, 804, 809, 810	Beaker, glass, 250 ml (CE-BEI0250)	3	
802, 803, 804, 809, 810	Beaker, polypropylene, 250 ml (CE-BEA250P)	2	
802, 803, 804, 810	Denatured Alcohol Fuel, 16 ounces (UN-ALCFUEL)		Optional. Order only if you don't want to purchase denatured alcohol locally for the alcohol lamp.
802, 803, 804, 810	Ethyl Alcohol, 95%, 30 ml (UN-ETHYALC)		Optional. Order only if you don't want to purchase denatured alcohol locally for the alcohol lamp.
802, 803, 804	Test Tubes, small 13 x 100 mm (CE-TTUBESM)	1	Use also instead of 6 beakers for 803 p.37.
802, 803, 810	Thermometer, Celsius, 12" (ME-THER30B)	1	You can get by with 1 by doing the measurements in 803 p. 13 sequentially.
802, 806	Nail assortment, 30 pieces (GS-NAILS )	1	
802, 808	Pebbles, fine gravel, 1 lb. (GS-PEBBLE )	1	
802, 808, 810	String, heavy cord, 25' (MC-STRING )	1	
802, 808, 810	Wood block, 1.5 x 1.5 x 0.75" (GS-WOODMD)		Use any wood blocks from home or from local hardware store.
803	Candle, 4" white (OP-CANDLE )		Any small candle will work from home or purchased from your local supply store.
803	Litmus Paper, blue, 100 strips (CH-LITBLUE)	1	
803	Litmus Paper, red, 100 strips (CH-LITRED )	1	

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803	Phenolphthalein Solution, 30 ml <i>(UN-PHENOLS)</i>	1	
803	Plaster of paris, 4 oz. <i>(GS-PLASTER)</i>	1	
803	Thermometer Clamp <i>(CE-CLTHERM)</i>		Optional to purchase separately from our website. Use to hold thermometer from ring stand.
803, 804	Test Tube Rack, 6 holes <i>(CE-TTRACK1)</i>		Optional to purchase separately from our website. Helpful to hold test tubes upright while working. You can use a beaker instead.
803, 806	Stirring Rod, glass, 6" <i>(CE-STIRROD)</i>	2	Also use for glass rod in 806.
803, 806, 810	Alcohol Lamp Stand <i>(CE-STAND1 )</i>	1	Economical stand to use with burner.
803, 806, 810	Ring Support, 4" <i>(CE-RING4 )</i>	1	Purchase if you want to use a tradition stand and ring support for experiments.
803, 806, 810	Support Stand, 4" x 6" base, 18" rod <i>(CE-STAND2 )</i>		Optional to purchase separately from our website if you want to use a traditional stand and ring support for experiments.
803, 809, 810	Pipet (medicine dropper) <i>(CE-DROPPER)</i>	1	
803, 810	Wire Gauze, ceramic center, 5" <i>(CE-GAUZE )</i>		Optional to purchase separately from our website.
804	Glucose Test Strips, 10 pack <i>(BE-GLUTES )</i>	1	
804	Investigating Electricity Kit <i>(EL-KIT01 )</i>	1	Optional.
804	Iodine (Lugol's) Biological Stain Solution, 30 ml <i>(CH-IODINE )</i>	1	
806	Friction pad, fur, about 4x5" <i>(GS-PADFUR )</i>	1	
806	Friction pad, silk, 6x6" <i>(GS-PADSILK)</i>	1	
806	Horseshoe Magnet, 2" Alnico V <i>(MG-HORSE2 )</i>	1	
806	Paper, special set, 10 sheets <i>(GS-PAPERSP)</i>	1	Use the acetate sheet instead of plastic in 806. Use the newsprint to make the long paper strips in 807.
806	Pith Balls, threaded, 2 pack <i>(EL-PITHBAL)</i>	1	Or use small balloons.
806, 807	Friction rod, rubber <i>(GS-RODRUB )</i>	1	
806, 808	Ruler, clear plastic, 15 cm <i>(DE-RULER )</i>	1	
806, 810	Bar Magnets, 1.2" ceramic, 2 pack <i>(MG-BAR1C )</i>		Optional to purchase separately from our website. These are a smaller, lower cost option to MG-BAR3AL.
806, 810	Iron Metal Filings, 30 g <i>(CH-IRON )</i>	1	
807	Paper Clips, small, 100/box <i>(GS-PCLIPSM)</i>		Use any paper clips from home or purchased from your local supply store.
807	Washers, 1", 5 pack <i>(GS-WASHERS)</i>	5	
807, 808	Rubber bands, 1.4 oz. bag <i>(GS-RUBBAND)</i>		Use any rubberband from home or purchased from your local supply store.
807, 810	Tape Measure, Steel, 3 meters <i>(ME-TAPEMEA)</i>	1	Use instead of meterstick.
808	Pulley, Single, 48mm <i>(MC-PULLY1 )</i>	1	Use instead of hanger and spool if not available.
809	Home LED Microscope <i>(MI-4100LST)</i>		We recommend this microscope as the best choice for most home schools. It will provide excellent service through high school. See our catalog for other microscope options.
809	Jar, 1 gallon, clear plastic <i>(BE-JAR1GAL)</i>		Any wide mouth 1 gal jar or large container will work to complete experiment. Purchase from our website if you do not have one.

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809	Lens Cleaner, 60 ml (MI-LENSCLN)		Recommended to keep your microscope lenses clean.
809	Lens Cleaning Paper, 50 pack (MI-PAPER )		Recommended to keep your microscope lenses clean.
809	Microscope slide coverslips (MS-SLIDCV )	1	
809	Peat Moss (GS-PEATMOS)	1	
809	Razor Blade, single edge, 1 pack (CE-RAZOR )	1	
809	Seeds, grass, pack (LM-SEEDGRA)	1	
809	Slide storage box, 25 slides (MS-SLBOX )		Optional to purchase separately from our website.
809	Slides, plain glass, 12 pack (MS-SLIDEPL)	1	
810	Graduated Cylinder, polypropylene, 10 ml (CE-CYPP10 )		Optional to purchase separately from our website. The 100 ml graduated cylinder will work but will not be as accurate.
810	Overflow can (MC-OVERFLW)		
810	Spring scale, 100 g/1 N (BS-SCALE4 )	1	
810	Styrofoam balls, 1" diameter, 4-pack (GS-STYBAL1)	1	
810	Styrofoam balls, 2" diameter, 2-pack (GS-STYBAL2)	2	
810	Wood Ramp, economy (MC-RAMP1 )	1	

1. The products in this kit are intended for parent/teacher use to complete curriculum lab activities with students.
2. Some items are not designed for or intended primarily for children ages 12 and under.
3. Some materials and many chemicals we provide are dangerous and may be harmful if misused. With your purchase, you are assuming all responsibility for any injuries or damages resulting from the storage, use, and disposal of all materials and chemicals.
4. Some products may differ from the web image (such as clay, food coloring, etc.)
5. Some items readily available at grocery stores or not offered by Home Science Tools are not included.
6. We guarantee that you will be happy with every purchase from HST. All products are covered by our 90-day money-back guarantee.

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