

HST science lab supplies list for use with:

Astronomy Level 1 by R.E.A.L. Science Odyssey

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"/>	0	Lab Kit for R.E.A.L. Science Odyssey Astronomy Level 1	Multiple Contains the "X" marked items.	PP-KTSPAC1	\$74.95
<input type="checkbox"/>	1	R.E.A.L. Science Odyssey Astronomy 1 Textbook	Multiple Order the curriculum separately.	PP-SPAC1ST	\$57.95
<input checked="" type="checkbox"/>	1	Colored Pencils	Multiple	BE-CPENCIL	\$3.65
<input type="checkbox"/>	1	Ruler, 30 cm	Multiple Use the flexible tape measurer.	ME-RULER	\$0.80
<input checked="" type="checkbox"/>	1	Plastic kit box and cover (sold only in kits)	Pg 27, 159	PT-KITBOX	\$5.05
<input checked="" type="checkbox"/>	1	Rubber bands, 1.4 oz. bag	Pg 27, 63, 67	GS-RUBBAND	\$1.95
<input checked="" type="checkbox"/>	1	CD blank	Pg 35	PT-CKWHLCD	\$0.65
<input checked="" type="checkbox"/>	1	LED Flashlight, 25 Lumens	Pg 35, 43, 63, 67, 97 You will need 4 flashlights to complete experiment on Pg 35.	OP-LIGHT4	\$6.45
<input checked="" type="checkbox"/>	1	Tape Measure, Flexible, 150 cm	Pg 35, 55, 221	ME-TAPE1	\$1.60
<input checked="" type="checkbox"/>	1	Cellophane, 3 pack	Pg 35, 63 Cellophane is used for multiple experiments.	GS-CELLO	\$1.30
<input type="checkbox"/>	1	Digital Stop Watch, 2"	Pg 43 Use a stopwatch on a cell phone or any timer.	ME-STOPWAT	\$5.80
<input type="checkbox"/>	1	School Glue, 4oz	Pg 47, 85, 107, 237 Use any household school glue	PT-SCHGLUE	\$1.95
<input type="checkbox"/>	1	Scissors, round tip	Pg 47, 85, 107, 149	GS-SCISSORS	\$1.50
<input checked="" type="checkbox"/>	1	Nail, 6D, bright finish	Pg 55, 211 Use to puncture the tennis ball.	PT-NAIL6F	\$0.10
<input checked="" type="checkbox"/>	1	Compass, magnetic, 16 mm diameter	Pg 63	GS-COMPMIN	\$1.45
<input type="checkbox"/>	1	Binoculars, 8 x 21 compact	Pg 63, 67, 125 Optional to purchase for the course.	OP-BI8X21K	\$28.95
<input type="checkbox"/>	3	Drawing Paper, white, 9"x12"	Pg 73, 81, 201 Purchase if you do not have white copy paper at home.	PT-PAPDRAW	\$0.15
<input checked="" type="checkbox"/>	1	Thermometer, Fahrenheit & Celsius, 12"	Pg 77, 145, 149, 181	ME-THER30A	\$3.60
<input type="checkbox"/>	1	Aluminum Pie Plate, 5" diameter	Pg 77, 167 Use any household bowl/plate.	PT-PIEPAN5	\$0.95
<input checked="" type="checkbox"/>	1	Paper, construction, 12 sheets	Pg 85, 159	GS-PAPERCS	\$1.80
<input checked="" type="checkbox"/>	2	Cup, clear plastic, 16 oz (sold only in kits)	Pg 97	PT-CUP16OZ	\$0.30

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input type="checkbox"/>	1	Baking soda, 50 g	Pg 115 Purchase baking soda at your local grocery store.	CH-BSODA50	\$1.95
<input checked="" type="checkbox"/>	1	Bottle, 500 ml (16 oz), natural HDPE plastic	Pg 115 Substitute for 2 liter bottle	CE-BTP500N	\$2.15
<input type="checkbox"/>	1	Citric Acid, powder, 30 g	Pg 115 Substitute for vinegar. Purchase vinegar at your local grocery store.	CH-CITRICA	\$4.25
<input checked="" type="checkbox"/>	1	Cork, No. 9	Pg 115	CE-CORK09	\$0.75
<input checked="" type="checkbox"/>	1	Funnel, plastic, 100 mm dia.	Pg 115	CE-FUNN8OZ	\$2.55
<input checked="" type="checkbox"/>	1	Inflatable Novelty Globe, 12"	Pg 121 Inflatable globe	AS-INGLOBE	\$3.05
<input checked="" type="checkbox"/>	1	Tennis ball	Pg 121, 135, 211	GS-BALLTNS	\$1.85
<input type="checkbox"/>	1	Aluminum Pie Plate, 9" diameter	Pg 135 Use a household pan.	PT-PIEPAN9	\$1.20
<input checked="" type="checkbox"/>	1	Ball, steel, 1", each	Pg 135	MC-BALLSTL	\$2.55
<input type="checkbox"/>	1	Crucible & Beaker Tongs	Pg 135 Use kitchen tongs.	CE-TONG	\$4.95
<input type="checkbox"/>	1	Bulb Socket with Cord & Switch	Pg 145 Purchase if you do not have a desk lamp/table lamp	EL-CORDSOC	\$9.15
<input type="checkbox"/>	1	Bulb, incandescent, 100 watt	Pg 145 Purchase if you do not have a desk lamp/table lamp	EL-BULB100	\$3.95
<input type="checkbox"/>	1	Biodegradable Packing Peanuts, 10/pack	Pg 149	PT-BFOAM10	\$1.30
<input type="checkbox"/>	1	Toothpicks, pack	Pg 149 Use household toothpicks.	GS-TOOTHPI	\$2.90
<input checked="" type="checkbox"/>	2	Jar, 125 ml (4 oz), plastic	Pg 149, 159 Use in place of plastic eggs	CE-BTPE4OZ	\$1.65
<input type="checkbox"/>	1	Heat-Resistant Leather Gloves	Pg 149, 235 Use kitchen oven mitts.	CE-GLVLEAM	\$11.95
<input checked="" type="checkbox"/>	4	Cardboard Craft Tube 1.75 in x 4.5 in	Pg 159	PT-CRFTTUB	\$0.85
<input checked="" type="checkbox"/>	2	Cardboard tube, 1-1/2" X 15"	Pg 159	PT-TUBE115	\$1.55
<input checked="" type="checkbox"/>	1	Cotton Balls, 12 count	Pg 159	GS-CTTNBL	\$0.60
<input checked="" type="checkbox"/>	3	Straws, clear plastic	Pg 159, 165	PT-STRAWCL	\$0.15
<input type="checkbox"/>	1	Marshmallows, Mini, 10 oz	Pg 165 Purchase marshmallows and other food items from your local grocery store.	CE-MARSHMI	\$4.75
<input checked="" type="checkbox"/>	1	Gloves, Nitrile, Size Medium, Pair	Pg 167	GS-GLOVNIT	\$1.95
<input checked="" type="checkbox"/>	1	Steel Wool	Pg 167	GS-STLWOOL	\$1.85
<input type="checkbox"/>	2	Citrus Dish Degreaser, 15ml	Pg 167, 191 Purchase clear dish washing liquid from your local grocery store	CH-CITRCLN	\$2.05
<input type="checkbox"/>	1	Gelatin, unflavored, packet	Pg 181 Purchase Jello and other food items from your local grocery store.	PT-GELATIN	\$1.60
<input checked="" type="checkbox"/>	1	Copper Wire, bare, #10, 2 ft	Pg 187	EL-WIRE10S	\$4.05
<input checked="" type="checkbox"/>	1	Food Coloring, 4 colors	Pg 191	CH-FOODCOL	\$4.90
<input checked="" type="checkbox"/>	1	Bar Magnets, 1.2" ceramic, 2 pack	Pg 201	MG-BAR1C	\$1.80

In Kit	Quantity Needed	Item Description	Curriculum Reference and Comments	Item Number	Unit Price
<input checked="" type="checkbox"/>	1	Iron Filings, 12 oz.	Pg 201	MG-IRONBLK	\$7.95
<input checked="" type="checkbox"/>	1	Owl Pellet Probe 6"	Pg 211	PT-OWLPROB	\$0.15
<input type="checkbox"/>	2	Can, tin, large	Pg 221 Use any large household container.	PT-CANLARG	\$9.95
<input checked="" type="checkbox"/>	1	Chalk Pastels, 12 pack	Pg 221	GS-PASTELS	\$4.95
<input type="checkbox"/>	1	Pebbles, fine gravel, 1 lb.	Pg 221 Use any heavy household object or gravel from outside.	GS-PEBBLE	\$1.99
<input checked="" type="checkbox"/>	1	String, heavy cord, 25'	Pg 221	MC-STRING	\$2.15
<input checked="" type="checkbox"/>	1	Chemical Splash Safety Goggles, Anti-Fog, Adult	Pg 235	CE-GOGGL1F	\$5.50
<input type="checkbox"/>	2	Glucose Syrup, 15 ml	Pg 235 Purchase syrup and other food items from your local grocery store.	CH-GLUCOSE	\$2.85
<input type="checkbox"/>	1	Sand, coarse, 4 oz.	Pg 235 Use any sand or dirt from around your home.	GS-SAND4OZ	\$1.30

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Printed October, 2021