

HST science lab supplies list for use with:

Switched-On & Monarch Science 10 by Alpha Omega 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 Switched-On Schoolhouse & Monarch Science Grade 10	1-10 Contains the "X" marked items in the quantity we recommend. Order additional items as necessary to meet	AO-KITSS10	\$154.95
<input type="checkbox"/>	1	Home LED Microscope	Several labs. 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	\$234.95
<input type="checkbox"/>	1	Lens Cleaner, 60 ml	Several labs. Recommended for extensive microscope use.	MI-LENSCLN	\$2.95
<input type="checkbox"/>	1	Lens Cleaning Paper, 50 pack	Several labs. Recommended for extensive microscope use.	MI-PAPER	\$1.80
<input checked="" type="checkbox"/>	1	Microscope Slide Set, Basic	Several labs.	MS-SLIDSET	\$7.95
<input checked="" type="checkbox"/>	1	Balloon Set of 9	2.4	GS-BALLOON	\$1.85
<input checked="" type="checkbox"/>	1	Friction pad, silk, 6x6"	2.4 Use as a substitute for nylon.	GS-PADSILK	\$2.20
<input checked="" type="checkbox"/>	1	Friction pad, wool, 6x6"	2.4	GS-PADWOOL	\$1.95
<input checked="" type="checkbox"/>	1	String, heavy cord, 25'	2.4, 9.9	MC-STRING	\$2.05
<input checked="" type="checkbox"/>	1	Thermometer, Celsius, 12"	2.6	ME-THER30B	\$3.10
<input checked="" type="checkbox"/>	2	Beaker, glass, 250 ml	2.6, 2.8, 2.15, 4.9, 6.4 Use for liter measure in 2.6.	CE-BEI0250	\$2.80
<input checked="" type="checkbox"/>	2	Sand, coarse, 1 lb	2.6, 7.11	GS-SANDCRS	\$1.55
<input type="checkbox"/>	0	Alcohol Lamp Burner, Wickless	2.8 Optional. Use a stove burner and small pan.	CE-LAMP	\$12.95
<input type="checkbox"/>	1	Alcohol Lamp Stand	2.8 Optional. Order only if you are buying an alcohol lamp, but won't be buying a ring stand for this course.	CE-STAND1	\$3.85
<input type="checkbox"/>	0	Burette Clamp	2.8 Optional. Only needed if you purchase ring stand.	CE-CLAMP	\$7.10
<input checked="" type="checkbox"/>	1	Calcium Hydroxide, 30 g	2.8	CH-CA(OH)2	\$3.65
<input checked="" type="checkbox"/>	1	Chalk (calcium carbonate)	2.8	CH-CHALK	\$1.85
<input type="checkbox"/>	0	Ethyl Alcohol, 95%, 30 ml	2.8 Optional. Order only if you are getting the alcohol lamp and don't want to buy the alcohol locally.	UN-ETHYALC	\$5.30
<input checked="" type="checkbox"/>	1	Filter Paper, 11 cm, 10 pack	2.8	CE-FILTPAP	\$1.50
<input checked="" type="checkbox"/>	1	Funnel, plastic, 65 mm dia.	2.8 Use with the filter paper.	CE-FUNNEL	\$1.45
<input checked="" type="checkbox"/>	1	Phenolphthalein solution, 30ml	2.8	UN-PHENOLS	\$6.25

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<input type="checkbox"/>	0	Ring Support, 4"	2.8 Optional. Only needed with ring stand.	CE-RING4	\$7.10
<input type="checkbox"/>	0	Support Stand, 4" x 6" base, 18" rod	2.8 Optional. Not needed with stove burner and plastic cups with lids.	CE-STAND2	\$14.95
<input checked="" type="checkbox"/>	1	Chemical Splash Safety Goggles, Adult	2.8, 2.20 Always wear when using chemicals. Order extras if needed.	CE-GOGGLE1	\$5.60
<input checked="" type="checkbox"/>	1	Lab Apron No 3, plastic, 2 mil	2.8, 2.20 Always wear when using chemicals. Order extras if needed.	CE-APRON3	\$1.05
<input checked="" type="checkbox"/>	1	Safety Gloves, size 8 - 8.5 Medium	2.8, 2.20, 8.10 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	\$4.95
<input checked="" type="checkbox"/>	1	Stirring Rod, glass, 6"	2.8, 2.20	CE-STIRROD	\$0.75
<input checked="" type="checkbox"/>	1	Litmus Paper, blue, 100 strips	2.9	CH-LITBLUE	\$1.65
<input checked="" type="checkbox"/>	1	Litmus Paper, red, 100 strips	2.9	CH-LITRED	\$1.65
<input checked="" type="checkbox"/>	1	Glucose Test Strips, 50 pack	2.15, 2.20 Use instead of Dextrostik or Tes Tape.	BE-GLUT50	\$13.95
<input checked="" type="checkbox"/>	1	Iodine (Lugol's) Biological Stain Solution, 30 ml	2.15, 2.20, 3.5	CH-IODINE	\$5.30
<input checked="" type="checkbox"/>	1	Starch, water soluble, 30 g	2.15, 3.14	CH-STARCH	\$4.75
<input checked="" type="checkbox"/>	1	Hydrochloric Acid, 30 ml	2.20	UN1789	\$6.05
<input type="checkbox"/>	1	Neuron slide, motor, smear	3.14 Included in prepared slide set.	MS-NEURON	\$3.15
<input type="checkbox"/>	1	Kidney slide, section	3.14, 4.18 Included in prepared slide set.	MS-KIDNEY	\$3.45
<input type="checkbox"/>	1	Muscle slide, 3 types, section	3.14, 4.18, 8.10 Included in prepared slide set.	MS-MUSC3	\$5.20
<input checked="" type="checkbox"/>	1	Switched-on Schoolhouse Biology Slide Set	3.14,4.4,4.15,4.18,6.16,8.10 Contains the 10 prepared microscope slides needed to this course.	MS-SETSS10	\$30.95
<input checked="" type="checkbox"/>	2	Pipet (medicine dropper)	3.3, 3.4, 3.5, 4.18, 4.23, 4.24, 4	CE-DROPPER	\$0.50
<input checked="" type="checkbox"/>	1	Pipet, disposable, 1 ml	3.3, 3.4, 3.5, 4.18, 4.23, 4.24, 4	CE-PIPET-S	\$0.25
<input checked="" type="checkbox"/>	1	Scissors, Dissecting	3.3, 8.10	DE-SCISSOR	\$2.35
<input checked="" type="checkbox"/>	1	Methylene Blue, 1%, 30 ml	3.4, 4.18, 6.4	CH-METHBLU	\$4.70
<input checked="" type="checkbox"/>	1	Forceps, stainless steel	3.5, 4.7, 4.23, 6.4	DE-FORCEP	\$2.15
<input checked="" type="checkbox"/>	1	Razor Blade, single edge, 1 pack	3.5, 4.7, 4.9, 4.24, 6.3, 6.4, 7.6	CE-RAZOR	\$0.45
<input type="checkbox"/>	1	Peat Moss	4.11, 7.11 Use any potting soil.	GS-PEATMOS	\$1.55
<input type="checkbox"/>	1	Frog ovary slide, c.s.	4.15 Included in prepared slide set.	MS-FROVARY	\$2.60
<input type="checkbox"/>	1	Frog sperm slide, smear	4.15 Included in prepared slide set.	MS-FRSPERM	\$2.60
<input type="checkbox"/>	1	Human blood slide, Wright's stain, smear	4.18 Includes erythrocyte (red blood cells) and leukocytes (white blood cells). Included in prepared slide set.	MS-HUBLOOD	\$3.10
<input type="checkbox"/>	1	Allium (onion) root tip slide, I.s.	4.4 Included in prepared slide set.	MS-ALLROOT	\$3.50
<input type="checkbox"/>	1	Ascaris (Roundworm) mitosis slide	4.4 Use instead of fish blastodisc. Included in prepared slide set.	MS-ASCARIS	\$7.25
<input type="checkbox"/>	1	Planaria (brown) - Live Culture	4.7	LD-PLANAR	\$13.95

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<input checked="" type="checkbox"/>	1	Magnifier, tripod, 10X	4.7, 4.9, 4.23, 4.24, 6.3, 6.4, 7.	OP-TRIPMAG	\$5.50
<input type="checkbox"/>	1	Magnifying Glass, 2", 3X Lens	4.7, 4.9, 4.23, 4.24, 6.3, 6.4, 7. Optional. We recommend the tripod magnifier for these labs.	OP-MAGNIFY	\$2.90
<input checked="" type="checkbox"/>	1	Teasing Needle, straight	4.7,4.24	DE-NEEDSTR	\$0.55
<input checked="" type="checkbox"/>	1	Petri Dishes, polystyrene, 90 x 15 mm, 2 pack	5.12	BE-PETRI1	\$1.45
<input checked="" type="checkbox"/>	1	Seeds, radish, pack	5.12, 7.6	LM-SEEDVEG	\$1.25
<input type="checkbox"/>	1	Nostoc (blue-green algae) slide, w.m	6.16 Included in prepared slide set.	MS-NOSTOC	\$2.85
<input type="checkbox"/>	1	Spirogyra (green algae) slide, w.m.	6.16 Included in prepared slide set.	MS-SPIROC	\$3.50
<input type="checkbox"/>	1	Methyl Cellulose, 1.5%, 30 ml	6.7 Use instead of cotton ball to quiet protozoa.	CH-METHCEL	\$3.80
<input checked="" type="checkbox"/>	1	Protozoa Culture Kit	6.7 Use instead of locating pond water. Carefully split into 4 jars after 4-5 days.	LM-PROTIST	\$7.10
<input checked="" type="checkbox"/>	3	Cups & lids, 8 oz. plastic, 3 pack	6.7, 7.6 Use 2 cups instead of buying extra beakers. Use one cup and lid to hold the osimeter thistle tube upright. (Eliminates the need for a ring stand and clamp).	GS-CUPLID	\$1.15
<input type="checkbox"/>	1	Pebbles, fine gravel, 1 lb.	7.11 Optional. Use in terrarium.	GS-PEBBLE	\$1.95
<input type="checkbox"/>	1	Terrarium	7.11 Optional. Order for a larger, more useful terrarium.	BE-TERRAR	\$16.95
<input type="checkbox"/>	1	Jar, 1 gallon, clear plastic	7.11, 9.7 Any 1 gallon jar will work.	BE-JAR1GAL	\$6.90
<input checked="" type="checkbox"/>	1	Seeds, baby lima bean, pack	7.6	LM-SEEDBEA	\$1.35
<input checked="" type="checkbox"/>	1	Seeds, grass, pack	7.6	LM-SEEDGRA	\$1.25
<input checked="" type="checkbox"/>	1	Seeds, marigold, pack	7.6	LM-SEEDMAR	\$1.25
<input type="checkbox"/>	2	Styrofoam Cups, 8 oz, with lids 5 pack	7.6	CE-CUPSTYR	\$1.00
<input checked="" type="checkbox"/>	1	Probe & Seeker	8.10	DE-PROBE	\$2.15
<input type="checkbox"/>	1	Nail assortment, 30 pieces	9.9	GS-NAILS	\$1.65
<input type="checkbox"/>	1	Tape Measure, Steel, 3 meters	9.9 Use instead of meter stick	ME-TAPEMEA	\$2.90

Please Read Before Ordering

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