

# The Global Uplift Project

## [Science Lab in a Box \(SLaB\)](#)

### Quotable Bill of Materials (QBM)

		SCIENCE LAB		LABOPROC		LOWER PRICE	SELLER	
QTY	Item Description	price	total	price	total			
Safety Equipment	1	Safety glasses	440	440	0	0	440	Science lab
	1	Nitrile safety gloves	750	750	650	650	650	laboproc
	5	Chemical safety aprons	1,500	7,500	1,700	8,500	7,500	Science lab
	1	Eye wash bottles	1,850	1,850	1,900	1,900	1,850	Science lab
	1	Fire blanket	3,800	3,800	0	0	3,800	Science lab
	1	First aid kit	3,500	3,500	4,000	4,000	3,500	Science lab
				0		0		
General Lab Equipment	1	Ring stand base with 70 cm vertical rod	1,320	1,320	0	0	1,320	Science lab
	1	20 cm ring stand extension rods	3,500	3,500	3,800	3,800	3,500	Science lab
	1	Ring stand clamp	4,500	4,500	4,650	4,650	4,500	Science lab
	1	4" C clamp	4,350	4,350	4,430	4,430	4,350	Science lab
	1	Bunsen Burner (liquid propane or natural gas)	600	600	0	0	600	Science lab
	1	Propane tank 2 L	3,200	3,200	3,350	3,350	3,200	science lab
	1	Propane tank regulator	4,500	4,500			4,500	Science lab
	1	Electric hot plate (alternative to Bunsen burners)	2,500	2,500	0	0	2,500	Science lab
	5	Rulers (30 cm)	100	500	0	0	500	Science lab
	1	Protractors	1,500	1,500	0	0	1,500	Science lab
	1	Scientific calculators	2,420	2,420	0	0	2,420	Science lab
	1	Wooden meter stick (100 cm rule)	300	300	250	250	250	laboproc
	1	Alcohol thermometers (- 20 deg C to 120 deg C)	120	120	220	220	120	Science lab
	1	Glass stir rods	55	55	80	80	55	Science lab
1	25 ml Borosilicate beaker	300	300	0	0	300	Science lab	
1	100 ml Borosilicate beaker	400	400	200	200	200	laboproc	
1	250 ml Borosilicate beaker	600	600	300	300	300	laboproc	
1	600 ml Borosilicate beaker	1,200	1,200	1,250	1,250	1,200	Science lab	
1	1000 ml Borosilicate beaker	1,500	1,500	700	700	700	laboproc	
2	125 ml Borosilicate Erlenmeyer flask	1,550	3,100	0	0	3,100	Science lab	
2	250 ml Borosilicate Erlenmeyer flask	1,850	3,700	1,350	2,700	2,700	laboproc	

	1	10 ml Borosilicate Graduated cylinder	0	0	150	150	150	laboproc
	1	25 ml Borosilicate Graduated cylinder	0	0	180	180	180	laboproc
	1	100 ml Borosilicate Graduated cylinder	0	0	250	250	250	laboproc
	1	250 ml Borosilicate Graduated cylinder	0	0	320	320	320	laboproc
	1	70 mm Polyethylene Utility Funnel	0	0	0	0		
	1	108 mm Polyethylene Utility Funnel	0	0	0	0		
	2	20 ml, 16 mm x 150 mm Borosilicate test tube	550	1,100	0	0	1,100	Science lab
	2	55 ml, 25 mm x 150 mm Borosilicate test tube	550	1,100	0	0	1,100	Science lab
	2	Evaporating dish	550	1,100	650	1,300	1,100	Science lab
	1	Wash Bottle	1,850	1,850	1,900	1,900	1,850	Science lab
	1	Serological pipettes	1,850	1,850	0	0	1,850	Science lab
	1	Serological pipettes filler	980	980	0	0	980	Science lab
	1	Transfer Pipettes ( box of plastic ones)	0	0	30	30	30	laboproc
	2	Micro spatula	565	1,130	0	0	1,130	Science lab
	2	pH test strips 1-14 5 meter roll	650	1,300	700	1,400	1,300	Science lab
	1	Mortar and Pestle	450	450	350	350	350	laboproc
	1	Chromatography paper	275	275	0	0	275	Science lab
				0		0		
				0		0		
<b>Biology</b>	2	Reproductive system charts	850	1,700	450	900	900	laboproc
	2	Digestive system charts	850	1,700	400	800	800	laboproc
	2	The heart charts	850	1,700	450	900	900	laboproc
	2	Breathing system charts	850	1,700	450	900	900	laboproc
	1	Hazard symbols charts 2	0	0	0	0		
	10	Hand magnifying lens	60	600	75	750	600	Science lab
	1	Slides with prepared specimen	140	140	180	180	140	Science lab
	1	Empty slides any number	0	0	180	180	180	laboproc
	1	Microscope glass slides (1 pkg = 72 slides)	118	118	0	0	118	Science lab
	1	Microscope slide glass cover slips (1 pkg = 200	0	0	100	100	100	laboproc
	1	Prepared Onion root tip - cell cycle microscope	140	140	0	0	140	Science lab
	1	Bromthymol blue stain 500 ml	1,200	1,200	500	500	500	laboproc
	1	Iodine stain 500 ml	1,000	1,000	450	450	450	laboproc
	1	Isopropyl Alcohol 99% 4 L	1,500	1,500	2,500	2,500	1,500	Science lab
	1	NaCl salt - 250 g	850	850	650	650	650	laboproc
	10	Classroom dissection kit (1 sorting tray, 500	16	160	0	0	160	Science lab
	5	Dissection pans	605	3,025	0	0	3,025	Science lab
	2	Owl pellets	775	1,550	0	0	1,550	Science lab
	5	50 mm x 15 mm Petri dish (1 pkg = 10 dishes)	187	935	80	400	400	laboproc
	5	90 mm x 15 mm Petri dish (1 pkg = 10 dishes)	300	1,500	120	600	600	laboproc

	1	Inoculating loop	0	0	1,500	1,500	1,500	laboproc
	2	Filter cloth (1 pkg = 4 sq yrds)	800	1,600	0	0	1,600	Science lab
	1	Plankton net	0	0	0	0		
	2	Modeling clay	1,500	3,000	0	0	3,000	Science lab
	1	<a href="#">Wall Chart - Digestive system (i.e., Anatomical</a>	1,200	1,200	1,250	1,250	1,200	Science lab
	1	Wall Chart - Ear & Eye	1,200	1,200	1,250	1,250	1,200	Science lab
	1	Wall Chart - Bones	1,200	1,200	1,250	1,250	1,200	Science lab
	1	Wall Chart - Brains	1,200	1,200	1,250	1,250	1,200	Science lab
	1	Wall Chart - Heart	1,200	1,200	1,250	1,250	1,200	Science lab
	1	Wall Chart - Circulatory system	1,200	1,200	1,250	1,250	1,200	Science lab
	1	Wall Chart - Reproductive system	1,200	1,200	1,250	1,250	1,200	Science lab
	1	Wall Chart - Periodic table	1,200	1,200	1,250	1,250	1,200	Science lab
				0		0		
				0		0		
<b>Chemistry</b>	5	Pipette	350	1,750	300	1,500	1,500	laboproc
	5	Burette	450	2,250	470	2,350	2,250	Science lab
	5	Syringe	22	110	25	125	110	Science lab
	5	Volumetric flasks	400	2,000	450	2,250	2,000	Science lab
	5	Graduated conical flask	350	1,750	350	1,750	1,750	laboproc
	5	Graduated measuring cylinder	600	3,000	350	1,750	1,750	laboproc
	5	Graduted beaker	450	2,250	250	1,250	1,250	laboproc
	5	Eureka cans 5	220	1,100	650	3,250	1,100	Science lab
	5	Spring balance	250	1,250	450	2,250	1,250	Science lab
	5	Alcohol thermometer	120	600	200	1,000	600	Science lab
	5	Digital stop watches	715	3,575	250	1,250	1,250	laboproc
	5	1m rulers	300	1,500	220	1,100	1,100	laboproc
	5	Tape measure	850	4,250	250	1,250	1,250	laboproc
	5	Micrometer screw gauge	900	4,500	650	3,250	3,250	laboproc
	5	Vanier callipers	495	2,475	350	1,750	1,750	laboproc
	2	Portable burners	1,800	3,600	2,100	4,200	3,600	Science lab
	6	Bunsen burners	600	3,600	350	2,100	2,100	laboproc
	1	Gas cylinder and piping system	8,500	8,500	0	0	8,500	Science lab
	5	Bunsen burner pipes	150	750	0	0	750	Science lab
	5	tripond stand	90	450	120	600	450	Science lab
	5	wire gauze	60	300	85	425	300	Science lab
	5	Hand magnifying lens	60	300	70	350	300	Science lab
	2	Microscopes	15,000	30,000	12,000	24,000	24,000	laboproc
	1	Slides with prepared specimen	150	150	150	150	150	laboproc
	1	Empty slides any number	0	0	180	180	180	laboproc

	5	Test tubes	50	250	35	175	175	laboproc
	5	Boiling tubes	70	350	70	350	350	Science lab
	5	Test tube racks	90	450	180	900	450	Science lab
	5	Flat bottomed flask	450	2,250	350	1,750	1,750	laboproc
	5	Round bottomed flask	450	2,250	450	2,250	2,250	laboproc
	5	Clamp and stand	850	4,250	850	4,250	4,250	Science lab
	5	Stirring rods	55	275	65	325	275	Science lab
	5	Filter funnel	0	0	80	400	400	laboproc
	5	Separating funnel	825	4,125	700	3,500	3,500	laboproc
	5	Dropping funnel	792	3,960	380	1,900	1,900	laboproc
	5	Mortar and pestle	450	2,250	300	1,500	1,500	laboproc
	5	Spatula	50	250	70	350	250	Science lab
	5	Forceps	250	1,250	180	900	900	laboproc
	5	Droppers	20	100	25	125	100	Science lab
	5	Evaporating dish	209	1,045	220	1,100	1,045	Science lab
	2	Wash bottles	80	160	150	300	160	Science lab
	8	Desicator 10	290	2,320	0	0	2,320	Science lab
	8	Gas jar	250	2,000	400	3,200	2,000	Science lab
	1	Pooter	3,000	3,000	0	0	3,000	Science lab
	4	Conical Flask	550	2,200	350	1,400	1,400	laboproc
	4	Crucible	176	704	200	800	704	Science lab
	4	Pipe clay triangle	88	352	280	1,120	352	Science lab
	4	Test tube holder	90	360	70	280	280	laboproc
	4	Deflagrating spoon	450	1,800	320	1,280	1,280	laboproc
	4	pair of tongs	200	800	210	840	800	Science lab
	1	Litmus papers	550	550	500	500	500	laboproc
	10	Rubber corks 10	44	440	60	600	440	Science lab
	2	Liebig condenser	990	1,980	1,200	2,400	1,980	Science lab
	1	Methylated spirit 20 litres	1,500	1,500	780	780	780	laboproc
	1	Turpentine 10 litres	0	0	0	0		
	1	Iron fillings	1,300	1,300	700	700	700	laboproc
	1	Sulphur	750	750	750	750	750	laboproc
	3	Distilled water 60 litres	450	1,350	650	1,950	1,350	Science lab
	10	Glass tube	0	0	80	800	800	laboproc
	2	Candle wax 2 packs	750	1,500	0	0	1,500	Science lab
	8	Magnets 10	350	2,800	0	0	2,800	Science lab
	1	Filter paper 1 box	400	400	550	550	400	Science lab
	1	Electric kettle	6,000	6,000	0	0	6,000	Science lab
	1	Ethanol 2.5 litres	4,800	4,800	2,500	2,500	2,500	laboproc

	1	Propane 20 litres	0	0	0	0		
	1	Iodine	500	500	350	350	350	laboproc
	1	Sodium solid	800	800	750	750	750	laboproc
	1	Dilute hydrochloric acid 20 litres	1,400	1,400	0	0	1,400	Science lab
	1	Vinegar 10 litres	1,800	1,800	0	0	1,800	Science lab
	1	Methyl orange solution 20 litres	450	450	450	450	450	Science lab
	2	Phenolphthalein 10 litres	1,200	2,400	350	700	700	laboproc
	1	Calcium solid	0	0	0	0		
	1	Ethanoic acid	3,500	3,500	0	0	3,500	Science lab
	1	PH chart	116	116	50	50	50	laboproc
	1	Universal indicators	1,000	1,000	1,400	1,400	1,000	Science lab
	1	Dilute sodium hydroxide 20 litres	650	650	0	0	650	Science lab
	1	Print ink	0	0	0	0		
	1	White board marker pens any number	0	0	0	0		
	1	Copper density rods	440	440	0	0	440	Science lab
	1	Aluminum density rods	440	440	0	0	440	Science lab
	1	Zinc density rods	440	440	0	0	440	Science lab
	1	Sodium Carbonate 500 g	450	450	750	750	450	Science lab
	1	Calcium Chloride 500 g	1,000	1,000	850	850	850	laboproc
	1	Filter Paper 12.5 cm	990	990	0	0	990	Science lab
	1	HCl solution 3M, 500ml	0	0	0	0		
	1	NaOH solution 3M, 500 ml	0	0	0	0		
	1	Phenolphthalein indicator solution	0	0	0	0		
	1	Magnesium Ribbon 25 g	300	300	0	0	300	Science lab
	1	Ammonium Chloride 1M 500 ml	0	0	0	0		
	1	Water quality testing kit	0	0	0	0		
	1	Metal Crucibles	0	0	0	0		
	1	Propane torch	0	0	0	0		
	1	Propane tanks	0	0	0	0		
	1	conductivity meter	0	0	0	0		
	1	Ammonium Chloride 1M 500 ml	0	0	0	0		
	1	Methanol 95% 4L	1,800	1,800	2,500	2,500	1,800	Science lab
	1	Ethanol 95% 4L	1,900	1,900	0	0	1,900	Science lab
	1	Barium nitrate	850	850	950	950	850	Science lab
	1	Barium chloride 500ml	850	850	900	900	850	Science lab
	1	Bromine water	1,300	1,300	1,400	1,400	1,300	Science lab
	1	Sulfuric acid 500ml	1,200	1,200	900	900	900	laboproc
	1	Nitric acid 500ml	1,200	1,200	1,100	1,100	1,100	laboproc
	1	Hydrochloric acid 500ml	0	0	950	950	950	laboproc

	1	Ethanoic acid 500ml	0	0	0	0		
	1	Maleic acid 500ml	2,200	2,200	2,500	2,500	2,200	Science lab
	1	Rubber stoppers for test tubes	30	30	65	65	30	Science lab
	1	rubber stoppers for flasks	66	66	0	0	66	Science lab
	1	Calorimeter	1,320	1,320	900	900	900	laboproc
	1	Molecular model kit	0	0	0	0		
	1	Iron filings	0	0	0	0		
				0		0		
	1	Multimeters	1,100	1,100	850	850	850	laboproc
	1	Circuit breadboards	0	0	0	0		
	1	50 Ohm resistors (1 pkg = 50 resistors)	138	138	80	80	80	laboproc
	1	100 Ohm resistors (1 pkg = 50 resistors)	0	0	80	80	80	laboproc
	1	500 Ohm resistors (1 pkg = 50 resistors)	0	0	80	80	80	laboproc
	1	1k Ohm resistors (1 pkg = 50 resistors)	0	0	80	80	80	laboproc
	1	2.5k Ohm resistors (1 pkg = 50 resistors)	0	0	80	80	80	laboproc
	1	10k Ohm resistors (1 pkg = 50 resistors)	0	0	80	80	80	laboproc
	1	300 microfarrad capacitors (1 pkg = 15	0	0	100	100	100	laboproc
	1	750 microfarrad capacitors (1 pkg = 15	0	0	100	100	100	laboproc
	1	Plane mirrors (10 cm x 10 cm)	110	110	70	70	70	laboproc
	1	Convex / concave mirrors (75mm diameter,	0	0	150	150	150	laboproc
	1	100 lines/mm diffraction grating	0	0	0	0		
	1	300 lines/mm diffraction grating	0	0	0	0		
	1	600 lines/mm diffraction grating	0	0	0	0		
	1	1000 lines/mm diffraction grating	0	0	0	0		
	1	Diode laser - red, 5mWatts	0	0	0	0		
	1	Diode laser - blue, 5mWatts	0	0	0	0		
	1	Diode laser - green, 5mWatts	0	0	0	0		
	1	neodimium magnets (cylindrical 2cm diameter,	0	0	0	0		
	1	Stop watch	300	300	350	350	300	Science lab
	1	Nylon string 100 meters	0	0	200	200	200	laboproc
	1	Ideal spring sets (spring constants 2.5, 5, 10, 15,	330	330	200	200	200	laboproc
	1	Mass set (10g, 4x 20g, 2x 50g, 4x 100g, 200g,	340	340	300	300	300	laboproc
	1	Projectile launcher, spring loaded with protractor	0	0	0	0		
	1	Force table	0	0	0	0		
	1	Pulley with clamp	0	0	0	0		
	1	Digital force sensor	0	0	0	0		
	1	Digital motion sensor	0	0	0	0		
	1	Dynamics carts	0	0	0	0		

	1	Electroscope	1,023	1,023	1,200	1,200	1,023	Science lab
	4	Connecting wires	450	1,800	350	1,400	1,400	laboproc
	8	Bttery cells 10	0	0	200	1,600	1,600	laboproc
	8	Bulbs 10	150	1,200	40	320	320	laboproc
	1	Connecting wires 200 meters	0	0	0	0		
	8	Switches	100	800	210	1,680	800	Science lab
	4	Ammeter	500	2,000	700	2,800	2,000	Science lab
	4	Voltimeter 10	550	2,200	700	2,800	2,200	Science lab
	2	Milliammeter	1,320	2,640	750	1,500	1,500	laboproc
	10	Cell holders	90	900	150	1,500	900	Science lab
	2	Aluminuim foil rolls	295	590	200	400	400	laboproc
	1	Clips	55	55	0	0	55	Science lab

**TOTAL**

253,568

<b>SELLER</b>	<b>AMOUNT</b>
Science lab	162,743
Laboproc	90,825
<b>total</b>	<b>253,568</b>
16%vat	40,571
<b>final price</b>	<b>294,139</b>