

The Global Uplift Project

Science Lab in a Box (SLaB)

Quotable Bill of Materials (QBM)

Narayan Jan Secondary School

	Item Description	Packing	Qty	Unit Rate	Total Amount	Seller
Safety Equipment	Safety glasses	pc	2	80	160	Eureka
	Nitrile safety gloves	pkt	1	780	780	Eureka
	Chemical safety aprons	pc	2	400	800	Eureka
	Eye wash bottles	pc	8	145	1160	Science House
	Fire blanket	pc	1	1600	1600	Eureka
	First aid kit	set	1	2200	2200	Eureka
					0	
General Lab Equipment	Ring stand base with 70 cm vertical rod					
	20 cm ring stand extension rods					
	Stand with clamp	set	6	600	3600	Eureka
	4" C clamp					
	200 gram electronic balance +/- 0.01 g accuracy	set	1	3200	3200	Science House
	Bunsen Burner (liquid propane or natural gas)	pc	5	400	2000	Eureka
	Propane tank 20 L					
	Propane tank regulator					
	Electric hot plate (alternative to Bunsen burners and gas)					
	Rulers (50 cm)	pc	10	175	1750	Science House
	Protractors					
	Scientific calculators					
	Wooden meter stick (100 cm rule)	pc	5	160	800	Eureka
	5 meter measuring tape	pc	5	130	650	Eureka
	Alcohol thermometers (- 20 deg C to 120 deg C)					
	Glass stir rods	pc	30	30	900	Science House
	25 ml Borosilicate beaker	pc	6	80	480	Eureka
	100 ml Borosilicate beaker	pc	7	80	560	Eureka
250 ml Borosilicate beaker	pc	7	110	770	Eureka	
600 ml Borosilicate beaker	pc	7	140	980	Eureka	
1000 ml Borosilicate beaker	pc	7	350	2450	Eureka	

125 ml Borosilicate Erlenmeyer flask	pc	7	245	1715	Science House
250 ml Borosilicate Erlenmeyer flask	pc	7	180	1260	Eureka
10 ml Borosilicate Graduated cylinder	pc	7	440	3080	Eureka
25 ml Borosilicate Graduated cylinder	pc	7	350	2450	Eureka
100 ml Borosilicate Graduated cylinder	pc	7	350	2450	Eureka
250 ml Borosilicate Graduated cylinder	pc	7	600	4200	Eureka
70 mm Polyethylene Utility Funnel	pc	15	600	9000	Eureka
108 mm Polyethylene Utility Funnel	pc	15	90	1350	Science House
20 ml, 16 mm x 150 mm Borosilicate test tube	pc	200	43	8600	Science House
55 ml, 25 mm x 150 mm Borosilicate test tube	pc	75	30	2250	Eureka
Evaporating dish	pc	20	50	1000	Eureka
Wash Bottle					
Serological pipettes	pc	20	220	4400	Eureka
Serological pipettes filler	pc	20	60	1200	Eureka
Transfer Pipettes (box of plastic ones)	pc	20	15	300	Science House
Micro spatula	pc	20	55	1100	Science House
pH test strips 1-14 5 meter roll	pkt	20	150	3000	Science House
Mortar and Pestle	set	15	125	1875	Science House
Chromatography paper	sheet	15	125	1875	Science House
Spring balance of 500 gm capacity	pc	3	260	780	Eureka
Spring balance of 1kg capacity	pc	3	300	900	Eureka
Spring balance of 5 kg capacity	pc	3	700	2100	Eureka
Spring balance of 10 kg capacity	pc	3	800	2400	Eureka

Biology

Compound light microscope 400x	set	3	7000	21000	Eureka
Microscope glass slides (1 pkg = 72 slides)	pkt	10	80	800	Eureka
Microscope slide glass cover slips (1 pkg = 200 slips)	pkt	20	75	1500	Science House
Prepared Onion root tip - cell cycle microscope slides					
Bromthymol blue stain	500 ml	1	380	380	Eureka
Iodine stain	500 ml	2	300	600	Eureka
Isopropyl Alcohol 99% 4 L				0	
NaCl salt - 250 g				0	
Dissection box (of good quality)	set	3	600	1800	Eureka
Dissection tray	pc	6	600	3600	Eureka
Owl pellets				0	
50 mm x 15 mm Petri dish (1 pkg = 20 dishes)	pc	10	160	1600	Eureka
90 mm x 15 mm Petri dish (1 pkg = 20 dishes)	pc	20	25	500	Science House
Inoculating loop	pc	2	200	400	Science House

Filter cloth (1 pkg = 4 sq yrds)	pkt	1	880	880	Eureka
Plankton net	pc	2	950	1900	Science House
Modeling clay					
<u>Wall Chart - Digestive system (i.e., Anatomical Poster Set)</u>					
Wall Chart - Ear & Eye	pc	1	250	250	Eureka
Wall Chart - Bones	pc	1	250	250	Eureka
Wall Chart - Brains	pc	1	250	250	Eureka
Wall Chart - Heart	pc	1	250	250	Eureka
Wall Chart - Circulatory system	pc	1	250	250	Eureka
Wall Chart - Reproductive system	pc	1	250	250	Eureka
Wall Chart - Periodic table	pc	1	250	250	Eureka
Model of human skelaton	pc	1	250	250	Eureka
Each museum specimen of 9 phylum of invertebrates	pc	9	400	3600	Eureka
Each museum specimen of 5 classes of vertebrates	pc	5	600	3000	Eureka

Chemistry

Copper density rods	pc	2	180	360	Eureka
Aluminum density rods				0	
Zinc density rods	pc	2	180	360	Eureka
Sodium Carbonate 500 g	500 g	1	350	350	Eureka
Calcium Chloride 500 g	500 g	1	300	300	Eureka
Filter Paper 12.5 cm	pkt	15	110	1650	Eureka
HCl solution 3M, 500ml	500 ml	1	500	500	Eureka
NaOH solution 3M, 500 ml					
Phenolphthalein indicator solution					
Magnesium Ribbon 25 g	coil	15	170	2550	Eureka
Ammonium Chloride 1M 500 ml	500 ml	1	400	400	Eureka
Water quality testing kit					
Metal Crucibles					
Propane torch					
Propane tanks					
conductivity meter					
Ammonium Chloride 1M 500 ml					
Methanol 95% 4L	500 ml	2	550	1100	Eureka
Ethanol 95% 4L	500 ml	2	400	800	Eureka
Barium nitrate	500 gm	1	880	880	Eureka
Barium chloride 500ml	500 gm	1	800	800	Eureka
Bromine water					
Sulfuric acid 3M, 500ml	500 ml	1	500	500	Eureka

Nitric acid 3M, 500ml	500 ml	1	500	500	Eureka
Hydrochloric acid 500ml					
Ethanoic acid 500ml					
Maleic acid 500ml					
Rubber stoppers for test tubes & flasks					
Calorimeter	pc	2			
Molecular model kit					
Iron filings	500 gm	1	450	450	s
Silver nitrate	100 ml	2	1300	2600	Eureka
Wire gauze	pc	15	60	900	Eureka
Tripod stand	pc	15	160	2400	Eureka
Copper plate	pc	10	110	1100	Eureka
Zinc plate	pc	15	110	1650	Eureka

Physics

AC DC 0-24V Power Supply	set	1	1600	1600	Eureka
Multimeters	pc	5	400	2000	Eureka
Circuit breadboards	pc	5	350	1750	Eureka
50 Ohm resistors (1 pkg = 50 resistors)	pc	1	200	200	Eureka
100 Ohm resistors (1 pkg = 50 resistors)	pc	1	200	200	Eureka
500 Ohm resistors (1 pkg = 50 resistors)	pc	1	200	200	Eureka
1k Ohm resistors (1 pkg = 50 resistors)	pc	1	200	200	Eureka
2.5k Ohm resistors (1 pkg = 50 resistors)	pc	1	200	200	Eureka
10k Ohm resistors (1 pkg = 50 resistors)	pc	1	200	200	Eureka
300 microfarrad capacitors (1 pkg = 15 capacitors)	pc	1	200	200	Eureka
750 microfarrad capacitors (1 pkg = 15 capacitors)	pc	1	500	500	Eureka
Plane mirrors (10 cm x 10 cm)	pc	10	200	2000	Science House
Convex / concave mirrors (75mm diameter, 200mm focal length)					
100 lines/mm diffraction grating					
300 lines/mm diffraction grating					
600 lines/mm diffraction grating					
1000 lines/mm diffraction grating					
Diode laser - red, 5mWatts					
Diode laser - blue, 5mWatts					
Diode laser - green, 5mWatts					
neodimium magnets (cylindrical 2cm diameter, 2cm height)		1	950	950	Eureka
Stop watch	pc	3	220	660	Eureka
Nylon string 100 meters					
Ideal spring sets (spring constants 2.5, 5, 10, 15, and 25 N/m)					

Mass set (10g, 4x 20g, 2x 50g, 4x 100g, 200g, 500g, 1kg set)		1	4500	4500	Eureka
Projectile launcher, spring loaded with protractor					
Force table					
Pulley with clamp		1	120	120	Eureka
Digital force sensor					
Digital motion sensor					
Dynamics carts					
Electroscope					
Pulley single	pc	5	120	600	Eureka
Pulley fixed	pc	5	200	1000	Eureka
Pulley triple	pc	5	350	1750	Eureka
Pulley double	pc	5	275	1375	Science House
Model of solar system	set	1	3500	3500	Science House
Model of eclipse	set	1	3500	3500	Science House
Enamel coated copper wire of medium thickness	roll	5	450	2250	Eureka
Enamel coated copper wire of thin thickness	roll	5	450	2250	Eureka

Final Total Price: 177540

Seller's Name	Amount
Eureka	135590
Science House	41950
	177540
13% vat	23080.2
Final Price with Vat	200620.2