

The Global Uplift Project			Githage Secondary School					
Science Lab in a Box (SLaB)								
Quotable Bill of Materials (QBM)								
			SCIENCE LAB		ROGAM GLOBAL		LOWER PRICE	SELLER
	Quantity	Item Description	price	total	price	total	TOTAL	
Safety Equipment	5	Safety glasses	440.00	2,200.00	700.00	3,500.00	2,200.00	Science lab
	5	Nitrile safety gloves	1,500.00	7,500.00	2,500.00	12,500.00	7,500.00	Science lab
	5	Chemical safety aprons	1,200.00	6,000.00	1,800.00	9,000.00	6,000.00	Science lab
	10	Eye wash bottles	66.00	660.00	120.00	1,200.00	660.00	Science lab
	1	First aid kit	3,000.00	3,000.00	4,500.00	4,500.00	6,000.00	Science lab
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General Lab Equipment	5	Ring stand clamp	605.00	3,025.00	950.00	4,750.00	6,050.00	Science lab
	20	Bunsen Burner (liquid propane or natural gas)	450.00	9,000.00	600.00	12,000.00	12,000.00	Science lab
	20	Rulers (30 cm)	50.00	1,000.00	120.00	2,400.00	1,000.00	Science lab
	5	Protractors	2,850.00	14,250.00	4,600.00	23,000.00	57,000.00	Science lab
	5	Scientific calculators	3,600.00	18,000.00	4,000.00	20,000.00	18,000.00	Science lab
	10	Wooden meter stick (100 cm rule)	100.00	1,000.00	200.00	2,000.00	1,000.00	Science lab
	2	5 meter measuring tape	180.00	360.00	300.00	600.00	360.00	Science lab
	20	Alcohol thermometers (- 20 deg C to 120 deg C)	120.00	2,400.00	180.00	3,600.00	2,400.00	Science lab
	20	Glass stir rods	55.00	1,100.00	82.00	1,640.00	1,100.00	Science lab
	10	25 ml Borosilicate beaker	300.00	3,000.00	450.00	4,500.00	6,000.00	Science lab
	10	100 ml Borosilicate beaker	380.00	3,800.00	560.00	5,600.00	7,600.00	Science lab
	10	250 ml Borosilicate beaker	550.00	5,500.00	800.00	8,000.00	11,000.00	Science lab
	10	600 ml Borosilicate beaker	825.00	8,250.00	1,200.00	12,000.00	16,500.00	Science lab
	10	1000 ml Borosilicate beaker	1,430.00	14,300.00	1,800.00	18,000.00	14,300.00	Science lab
	20	70 mm Polyethylene Utility Funnel	90.00	1,800.00	270.00	5,400.00	1,800.00	Science lab
	20	20 ml, 16 mm x 150 mm Borosilicate test tube	45.00	900.00	95.00	1,900.00	900.00	Science lab
	20	55 ml, 25 mm x 150 mm Borosilicate test tube	70.00	1,400.00	120.00	2,400.00	1,400.00	Science lab
10	Evaporating dish	165.00	1,650.00	250.00	2,500.00	1,650.00	Science lab	
1	13kg gas cylinder	8500	8,500.00	9000	9,000.00	8,500.00	Science lab	
20	Transfer Pipettes (box of plastic ones)	140.00	2,800.00	150.00	3,000.00	2,800.00	Science lab	
20	Micro spatula	50.00	1,000.00	150.00	3,000.00	1,000.00	Science lab	
5	pH test strips 1-14 5 meter roll	550.00	2,750.00	800.00	4,000.00	5,500.00	Science lab	
5	Mortar and Pestle	396.00	1,980.00	650.00	3,250.00	3,960.00	Science lab	
5	Chromatography paper	275.00	1,375.00	500.00	2,500.00	1,375.00	Science lab	
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Biology	3	Microscope glass slides (1 pkg = 72 slides)	330.00	990.00	560.00	1,680.00	990.00	Science lab
	5	Microscope slide glass cover slips (1 pkg = 200 slips)	187.00	935.00	300.00	1,500.00	1,870.00	laboproc
	4	Prepared Onion root tip - cell cycle microscope slides	140.00	560.00	250.00	1,000.00	560.00	Science lab
	5	Bromthymol blue stain 500 ml	600.00	3,000.00	800.00	4,000.00	3,000.00	Science lab
	5	Iodine stain 500 ml	500.00	2,500.00	800.00	4,000.00	2,500.00	Science lab
	2	Isopropyl Alcohol 99% 4 L	3,600.00	7,200.00	5,000.00	10,000.00	18,000.00	Science lab
	3	Dissection pans	605.00	1,815.00	950.00	2,850.00	1,815.00	Science lab
	10	50 mm x 15 mm Petri dish (1 pkg = 10 dishes)	70.00	700.00	220.00	2,200.00	700.00	Science lab
	10	90 mm x 15 mm Petri dish (1 pkg = 10 dishes)	90.00	900.00	250.00	2,500.00	900.00	Science lab
	2	Wall chart(digestive system)	850.00	1,700.00	1,500.00	3,000.00	4,250.00	Science lab
	2	Wall Chart - Ear & Eye	850.00	1,700.00	1,800.00	3,600.00	4,250.00	Science lab
	2	Wall Chart - Bones	850.00	1,700.00	1,800.00	3,600.00	4,250.00	Science lab
	2	Wall Chart - Brains	850.00	1,700.00	1,800.00	3,600.00	4,250.00	Science lab
	2	Wall Chart - Heart	850.00	1,700.00	1,800.00	3,600.00	4,250.00	Science lab
	2	Wall Chart - Circulatory system	850.00	1,700.00	1,800.00	3,600.00	4,250.00	Science lab
2	Wall Chart - Reproductive system	850.00	1,700.00	1,800.00	3,600.00	4,250.00	Science lab	

	2	Wall Chart - Periodic table	1,100.00	2,200.00	1,600.00	3,200.00	5,500.00	Science lab
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Chemistry	2	Copper density rods	440.00	880.00	900.00	1,800.00	2,200.00	Science lab
	2	Aluminum density rods	440.00	880.00	900.00	1,800.00	2,200.00	Science lab
	5	Zinc density rods	440.00	2,200.00	900.00	4,500.00	2,200.00	Science lab
	3	Sodium Carbonate 500 g	450.00	1,350.00	980.00	2,940.00	1,350.00	Science lab
	3	Calcium Chloride 500 g	1,000.00	3,000.00	2,500.00	7,500.00	3,000.00	Science lab
	3	Filter Paper 12.5 cm	990.00	2,970.00	1,900.00	5,700.00	2,970.00	Science lab
	4	HCl solution 3M, 500ml	1,200.00	4,800.00	3,000.00	12,000.00	4,800.00	Science lab
	4	NaOH solution 3M, 500 ml	650.00	2,600.00	1,500.00	6,000.00	2,600.00	Science lab
	5	Phenolphthalein indicator solution	1,000.00	5,000.00	2,500.00	12,500.00	5,000.00	Science lab
	10	Magnesium Ribbon 25 g	300.00	3,000.00	600.00	6,000.00	3,000.00	Science lab
	3	Ammonium Chloride 1M 500 ml	1,200.00	3,600.00	2,600.00	7,800.00	3,600.00	Science lab
	3	Methanol 95% 4L	1,800.00	5,400.00	3,500.00	10,500.00	5,400.00	Science lab
	3	Ethanol 95% 4L	2,500.00	7,500.00	4,000.00	12,000.00	7,500.00	Science lab
	3	Barium nitrate	850.00	2,550.00	2,500.00	7,500.00	2,550.00	Science lab
	3	Barium chloride 500ml	850.00	2,550.00	2,500.00	7,500.00	2,550.00	Science lab
	3	Bromine water	1,300.00	3,900.00	3,000.00	9,000.00	3,900.00	Science lab
	3	Sulfuric acid 500ml	1,200.00	3,600.00	3,000.00	9,000.00	3,600.00	Science lab
	3	Nitric acid 500ml	1,200.00	3,600.00	3,000.00	9,000.00	3,600.00	Science lab
	3	Hydrochloric acid 500ml	1,200.00	3,600.00	3,000.00	9,000.00	3,600.00	Science lab
	3	Ethanoic acid 500ml	3,500.00	10,500.00	6,000.00	18,000.00	10,500.00	Science lab
	1	Maleic acid 500ml	2,200.00	2,200.00	4,500.00	4,500.00	2,200.00	Science lab
	20	Rubber stoppers for test tubes and flasks	20.00	400.00	120.00	2,400.00	400.00	Science lab
	2	Molecular model kit	4,400.00	8,800.00	7,500.00	15,000.00	8,800.00	Science lab
	2	Iron filings (pkt)	1,300.00	2,600.00	3,500.00	7,000.00	2,600.00	Science lab
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Physics	1 each	AC DC 0-24V Power Supply		-		-		
	5	Multimeters	1,100.00	5,500.00	3,000.00	15,000.00	11,000.00	Science lab
	5	50 Ohm resistors (1 pkg = 50 resistors)	500.00	2,500.00	800.00	4,000.00	5,000.00	Science lab
	5	100 Ohm resistors (1 pkg = 50 resistors)	800.00	4,000.00	1,500.00	7,500.00	8,000.00	Science lab
	5	Plane mirrors (10 cm x 10 cm)	110.00	550.00	250.00	1,250.00	1,100.00	Science lab
	10	Convex / concave mirrors (75mm diameter, 200mm foca	110.00	1,100.00	250.00	2,500.00	2,200.00	Science lab
	2	300 lines/mm diffraction grating	2,800.00	5,600.00	4,500.00	9,000.00	5,600.00	Science lab
	2	600 lines/mm diffraction grating	3,500.00	7,000.00	6,000.00	12,000.00	7,000.00	Science lab
	10	Stop watch	300.00	3,000.00	600.00	6,000.00	6,000.00	Science lab
(each)	10	Ideal spring sets (spring constants 2.5, 5, 10, 15, and 25	250.00	2,500.00	750.00	7,500.00	5,000.00	Science lab
(each)	10	Mass set (10g, 4x 20g, 2x 50g, 4x 100g, 200g, 500g, 1kg	250.00	2,500.00	750.00	7,500.00	5,000.00	Science lab
	5	Pulley with clamp	80.00	400.00	160.00	800.00	400.00	Science lab
	5	Electroscope	935.00	4,675.00	1,200.00	6,000.00	4,675.00	Science lab
TOTAL				288,005.00		511,260.00		

SCIENCE LAB AMOUNT
SCIENCE LAB 288,005
TOTAL 288,005
16%VAT 46081
FINAL PRICE 334,086

NB: THE PRICES FOR ROGAM GLOBAL WERE ALL TOO HIGH AND SO WE PICKED SCIENCE LAB FOR ALL THE SUPPLIES.