

	<b>The Global Uplift Project</b>	
	<b>Science Lab in a Box (SLaB)</b>	
	<b>Quotable Bill of Materials (QBM)</b>	
	<b>St. Paul Secondary School</b>	
	<b>Quantity</b>	<b>Item Description</b>
<b>Safety Equipment</b>		Safety glasses
	2	Nitrile safety gloves
	2	laboratory coats
		Eye wash bottles
		Fire blanket
		First aid kit
<b>General Lab Equipment</b>	5	Ring stand base with 70 cm vertical rod
		20 cm ring stand extension rods
		Ring stand clamp
		4" C clamp
	1	200 gram electronic balance +/- 0.01 g accuracy
		Bunsen Burner (liquid propane or natural gas)
		Propane tank 20 L
		Propane tank regulator
		Electric hot plate (alternative to Bunsen burners and gas)
		Rulers (30 cm)
		Protractors
		Scientific calculators
	20	Wooden meter stick (100 cm rule)
		5 meter measuring tape
	50	Alcohol thermometers (- 20 deg C to 120 deg C)
	30	Glass stir rods
		25 ml Borosilicate beaker
		100 ml Borosilicate beaker
	50	250 ml plastic beaker
		600 ml Borosilicate beaker
		1000 ml Borosilicate beaker
		125 ml Borosilicate Erlenmeyer flask
30	250 ml Borosilicate Erlenmeyer flask	
	10 ml Borosilicate Graduated cylinder	
	25 ml Borosilicate Graduated cylinder	
50	50 ml plastic cylinder	
20	burette with clip	

		250 ml Borosilicate Graduated cylinder
	30	70 mm Polyethylene Utility Funnel
		108 mm Polyethylene Utility Funnel
	1	20 ml, 16 mm x 150 mm Borosilicate test tube
	1	55 ml, 25 mm x 150 mm Borosilicate test tube
		Evaporating dish
		Wash Bottle
	25	Pipettes
		Serological pipettes filler
	50	Droppers
	50	Spatula
		pH test strips 1-14 5 meter roll
	10	Mortar and Pestle
		Chromatography paper
<b>Biology</b>	1	Compound light microscope 400x
	1	Microscope glass slides (1 pkg = 72 slides)
	1	Microscope slide glass cover slips (1 pkg = 200 slips)
		Prepared Onion root tip - cell cycle microscope slides
		Bromthymol blue stain 500 ml
	1	Iodine stain
		Isopropyl Alcohol 99% 4 L
		NaCl 500g
	20	soft boards
		pins, 12 scalpels, 12 fine point forceps, 12 probe and
		Owl pellets
		50 mm x 15 mm Petri dish (1 pkg = 20 dishes)
		90 mm x 15 mm Petri dish (1 pkg = 20 dishes)
		Inoculating loop
		Filter cloth (1 pkg = 4 sq yds)
		Plankton net
		Modeling clay
		<a href="#">Wall Chart - Digestive system (i.e., Anatomical Poster Set</a>
		Wall Chart - Ear & Eye
	Wall Chart - Bones	
	Wall Chart - Brains	
	Wall Chart - Heart	
	Wall Chart - Circulatory system	
	Wall Chart - Reproductive system	
	1	Wall Chart - Periodic table
<b>Chemistry</b>		Copper density rods
		Aluminum density rods

	2	Zinc density rods
	1	Sodium Carbonate 500g
		Calcium Chloride 500 g
	1	sodium thio sulphate penta
	2	Filter Paper 12.5 cm
		HCl solution Alitre
	1	NaOH solution
	1	Phenolphthalein indicator 25g
	1	Magnesium Ribbon 25 g
	1	Ammonium Chloride 500g
		Water quality testing kit
		Metal Crucibles
		Propane torch
		Propane tanks
		conductivity meter
		Ammonium Carbonate 500g
		Methanol 95%
	2	Ethanol 95%
		Barium nitrate
		Barium chloride
		Bromine water
	1	Sulfuric acid 2.5 litres
	1	Nitric acid a 2.5 litres
	1	Hydrochloric acid 2.5 litres
	1	Ethanoic acid 2.5 litres
		Maleic acid 500ml
		Rubber stoppers for test tubes
		Calorimeter
		Molecular model kit
	1	potassium permangate 500g
<b>Physics</b>		AC DC 0-24V Power Supply
		Multimeters
	50	Single cell holders
		Circuit breadboards
		1 Ohm resistors
	40	rheostats 50 ohm
		2 Ohm resistors
		3 Ohm resistors
		5 Ohm resistors
		10 Ohm resistors
	20	ammeters
		750 microfarrad capacitors (1 pkg = 15 capacitors)

	50	Plane mirrors
	20	convex mirrors f.10 CM
		concave lense f. 10cm
		100 lines/mm diffraction grating
	50	measuring cylinder 10ml
		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 heigh
	50	Stop watch
		Nylon string 100 meters
	20	Ideal spring sets (spring constants 2.5N
	20	Mass set 100g
		Mass set 10g
		Projectile launcher, spring loaded with protractor
		Force table
		Pulley with clamp
		Digital force sensor
		Digital motion sensor
		Dynamics carts
		Electroscope