

<h1 style="margin: 0;">The Global Uplift Project</h1> <h2 style="margin: 0; color: #4F81BD;">Science Lab in a Box (SLaB)</h2> <h3 style="margin: 0;">Quotable Bill of Materials (QBM)</h3> <h3 style="margin: 0;">Nakaloke Secondary School</h3>
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	Quantity	Item Description
Safety Equipment	2	Safety glasses
	2	Nitrile safety gloves
		laboratory coats
		Eye wash bottles
		Fire blanket
		First aid kit
General Lab Equipment	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
- 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
- Mortar and Pestle
- Chromatography paper

Biology

- 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
- 2 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
- 1 Modeling clay
- [Wall Chart - Digestive system \(i.e., Anatomical Poster Set\)](#)
- 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

Chemistry

- Copper density rods

Chemistry

	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%
4	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

Physics

	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

80 measuring cylinder 10ml
300 lines/mm diffraction grating
600 lines/mm diffraction grating
filter funnels
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

10 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