



# SMART LEARNING INC.

ELWA ROAD, NAGBE TOWN JUNCTION  
PAYNESVILLE CITY, LIBERIA.

SmartLearning

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## QUOTATION FOR HIGH SCHOOL LAB SUPPLIES

**INSTITUTION NAME: MONROVIA COLLEGE & INDUSTRIAL TRAINING, INC.**

**INSTITUTION ADDRESS: CLAY STREET, MONROVIA, LIBERIA**

**DATE: March 28, 2025**

ITEM DESCRIPTION	SPECIFICATION	QUANTITY	PRICE (USD)	TOTAL (USD)
Beaker, 50mL	heat-resistant borosilicate glass, 50 milliliter volume	6pcs	10	60
Beaker, 100mL	heat-resistant borosilicate glass, 100 milliliter volume	6pcs	12	72
Beaker, 250mL	heat-resistant borosilicate glass, 250 milliliter volume	6pcs	15	90
Beaker, 500mL	heat-resistant borosilicate glass, 500 milliliter volume	6pcs	20	120
Beaker, 1000mL	heat-resistant borosilicate glass, 1000 milliliter volume	6pcs	30	180
Erlenmeyer flask, 250mL	heat-resistant borosilicate glass, 250 milliliter volume	6pcs	15	90
Erlenmeyer flask, 500mL	heat-resistant borosilicate glass, 500 milliliter volume	6pcs	20	120
Volumetric flask, 250mL	heat-resistant borosilicate glass, 250 milliliter volume	6pcs	25	150
Volumetric flask, 500mL	heat-resistant borosilicate glass, 500 milliliter volume	6pcs	35	210
Volumetric flask, 1000mL	heat-resistant borosilicate glass, 1000 milliliter volume	6pcs	50	300

Graduated cylinder, 50mL	Ordinary glass, not-resistant to heat, could be shattered when heated	6pcs	8	48
Graduated cylinder, 100mL	Ordinary glass, not-resistant to heat, could be shattered when heated	6pcs	12	72
Graduated cylinder, 250mL	Ordinary glass, not-resistant to heat, could be shattered when heated	6pcs	15	90
Graduated cylinder, 500mL	Ordinary glass, not-resistant to heat, could be shattered when heated	6pcs	20	120
Syringe assorted	Plastic syringes	50pcs	2.50	125
Test tubes assorted	Small, medium, and large	18pcs	10	180
Test tube rack	Made of plastic. Small, medium and large	3pcs	12	36
Test tube brush	Plastic brush	5pcs	2	10
Fire extinguisher	Class A, 4 pounds or larger (6kg chemical powder)	2pcs	120	240
Thermometer (Alcohol)	Alcohol spirit filled, 1 degree Celcius accuracy, Range from -10°C to 150°C	10pcs	13	130
pH meter	Measuring range 0.00-14pH, Accuracy $\pm 0.2$ , Resolution 0.01pH	6pcs	75	450
Triple Beam Balance	Capacity 2000g, Attachment weights one 500g; one 100g; one 10g; Dimensions 457*152*178	4pcs	165	660
Electronic balance	Capacity 1000g; Pan size 91mm; Response time 8sec	6pcs	95	570
Burette, 50mL	Graduated burette 50 milliliter volume	15pcs	55	825
Pipette, 10mL	Graduated pipette 10 milliliter volume	6pcs	30	180
Small gas stove	Propane gas burner with gas cartridge and regulator	5pcs	55	275
Hot plate	ceramic surface top, 220 V/60Hz; stirring capacity and heating capacity managed with separate controls	4pcs	95	380
Electric hot water kettle (percolator)	220V/60 Hz, 1 liter volume	2pcs	20	40
Safety Goggles	splash resistant, with elastic strap around back of head	60pcs	12	720
Wash bottle	Plastic bottle 750 milliliter volume	10pcs	10	100
Latex gloves	Medium size, one time use with 50pairs	4pcs	12	48
Thick rubber gloves	Reusable gloves, medium size	4pairs	12	48
First Aid Kit equipped	bandages, antiseptic, first aid adhesive tape, plasters, instant ice pack, nitrile gloves, burn cream, alcohol wipes, mouth-to-mouth resuscitation shield	2pcs	120	240

Burette clamp	Metal burette clamp used to hold burette	15pcs	15	225
Reagent bottles	Various sizes of plastics and glasses	40pcs	3	120
Dropper	Plastic 5mL droppers	100pcs	1.50	150
Spatula	Metal 15cm long, reusable	12pcs	3	36
Funnels	Small plastic funnels	12pcs	3	36
Wash bottles	Plastic bottles with a tube-like structure at the cap	12pcs	3	36
Tongs	Metal tong	5	4	20
Wire gauze	Metal gauze	10	3	30
Ring stands	Metal ring stand with screws	4pcs	25	100
Ring clamp	Metal ring clamp with adjustment node	4pcs	15	60
Test tube holders	Metal holders	12pcs	8	96
Mortar and Pestle	Porcelain mortar and pestle 125mL capacity and 85mm in diameter.	4pcs	20	80
Microscope	compound microscope with binocular eyepieces; objective lenses 4X, 10X, 40X and 100X; Condenser: single lens with disc diaphragm; Illumination: LED Power Supply: 220V/60Hz with plug for current with attachable cameral	6pcs	550	3,300
Prepared slides	Prepared glass slides specimens	2 sets	75	150
Blank slides and cover slips	Glass blank slides	2 sets	35	70
Evaporating dish	Glass dish	8pcs	8	64
Glass rod	Cylindrical glass rod	10pcs	2	20
Electric centrifuge	Speed range 0-2000rpm, speed digital display; capacity 20mL*4	1pc	220	220
Centrifuge tubes	Plastic tubes	10pcs	3	30
Dropper bottles	Glass dropper bottles	10pcs	5	50
Skeletal model, human	3 dimensional, articulated bones, 100 cm height, plastic material	1pc	526	526
Male Reproductive System manikin	3 dimensional, plastic material	1pc	375	375
Female Reproductive System manikin	3 dimensional, plastic material	1pc	415	415
Human Male Torso	3 dimensional plastic material	1pc	290	290
Sterilized water,	Sterilized water 10 milliliter volume	200pcs	0.50	100

10mL				
Sodium Chloride, 500g	Pure salt for various chemical reactions	1pc	48	48
Benedict's solution, 500mL	Blue liquid solution for food test experiment	1pc	48	48
Hydrochloric acid, 500mL	1% HCL solution	1pc	35	35
Sodium hydroxide, 500g	Pure NaOH, solid, strong base used for titration	1pc	45	45
Sulphuric acid, 500mL	Concentrated Sulfuric acid; 18 Molar	1pc	55	55
Hydrogen peroxide, 500mL	6% hydrogen peroxide used in oxidation-reduction reaction	1pc	42	42
Phenolphthalein, 100g	Powdery chemical used as indicator for acid-base titration.	1pc	44	44
Bromothymol Blue, 250mL	Liquid chemical used as indicator for acid-base titration.	1pc	35	35
Methyl orange, 250mL	Liquid chemical used as indicator for acid-base titration.	1pc	38	38
Ammonium Chloride, 500g	Used in solution preparation	1pc	48	48
Sodium bicarbonate, 500g	Weak base and an important safety supply	1pc	15	15
Calcium carbonate, 500g	Used in acid-base reaction	1pc	42	42
Sodium bicarbonate ion, 500g	Used in neutralization reaction and other several different purposes	1pc	15	15
Sodium thiosulfate, 500g	Used in redox reactions	1pc	68	68
Ethanol, 5000mL	95% alcohol; safer than formaldehyde for specimen preservation and also used in combustion reaction.	1pc	75	75
Methanol, 500mL	Used in qualitative analysis of organic compound and used as a solvent in some experiment	1pc	42	42
Potassium permanganate	Used for qualitative analysis	1pc	55	55
Magnesium sulfate 500g	Solid salt	1pc	52	52
Aluminum sulfate	Used for qualitative analysis	1pc	48	48
Barium chloride, 500g	Used for qualitative analysis	1pc	52	52

Ferrous sulphate, 500g	Used for qualitative analysis	1pc	52	52
Potassium per manganate, 500g	Used for diffusion and qualitative analysis practical	1pc	48	48
Ammonia Solution, 500mL	Used for qualitative analysis	1pc	48	48
Sodium hydrogen carbonate, 500g	Solid compound	1pc	52	52
Lead nitrate, 500g	Used for qualitative analysis	1pc	68	68
Silver nitrate, 500g	Used for qualitative analysis	1pc	68	68
Vinegar, 750mL	5% acetic acid	1pc	22	22
Gentian violet, 500ml	Used for microscopy	1pc	35	35
Methylene blue, 500mL	Acid-Base Indicator	1pc	32	32
Potassium hydroxide, 500g	Used for titration	1pc	48	48
Copper sulphate, 500g	Solid bluestone copper sulphate used for food test	1pc	55	55
Povidone-Iodine Solution, 500mL	Lugol's solution for microscopy staining and food test	1pc	35	35
Calcium chloride, 500g	Used for qualitative analysis	1pc	48	48
Bromine water, 500mL	Use for qualitative analysis of organic compound	1pc	62	62
Fehlings reagent A & B	Used for food test	2pcs	78	78
Sphygomanometer	Silicone rubber, Length tube: 50 – 70cm, Gauge graduated: 0 – 300mmHg	6pcs	55	330
Stethoscope	Black dual head, diaphragm diameter: 47mm; material steel: PVC	6pcs	45	270
Dissection set	Complete set	5pcs	45	225
Dissecting tray	Aluminum pan with vinyl dissecting pad	5pcs	15	75
Petri dish	Glass petri dish	20sets	8	160
Wire Gauze	Wire diameter: 0.025mm to 2.03mm	8pcs	5	40
Magnifying glass	2.25x magnification	20pcs	5	100
Battery case	Rubber case	10pcs	5	50
Glass rod	Breakable glass rod	12pcs	4	48
Hydrometer	Length tube: 50 – 70cm, Gauge graduated: 0 – 300mmHg	5	55	275

Evaporating dish	Glass evaporating dish with cover	4pcs	8	32
Ammeter	0 – 3 amp	5pcs	37	185
Spring scale	Containing an elastic spring	10pcs	15	150
Bar magnets	Magnets	10pcs	5	50
Compass	Directional compass	10pcs	8	80
Spring	Metal spring	10pcs	4	40
Crocodile clips	Metal clips	40pcs	0.25	10
Multimeter	Shunt resistance; input frequency: AC; 40Hz to 1kHz DC	4pcs	55	220
Light bulb	Tiny bulbs for electricity practicals	10pcs	1	10
Rectangular prisms	Glass block prism	10pcs	15	150
Triangular prisms	Glass block prism	10pcs	15	150
Converging lens	Diameter: 10mm; 50mm; 100mm	1pk	75	75
Diverging lens	Diameter: 10mm; 50mm: 100mm	1pk	75	75
Concave mirror	Diameter: 10mm; 50mm: 100mm	1pk	75	75
Convex mirror	Diameter: 10mm; 50mm: 100mm	1pk	75	75
Plane mirror strip	Rectangular shaped mirrors	6pcs	6	36
Connecting wire	1 roll coiled	1pc	60	60
Dry cell	1.5 volts battery	3pks	10	30
Pendulum bob	Metallic bob with hook	6pcs	10	60
Weight sets	Metal weights	5sets	15	75
Meter sticks	1 meter length, wooden meter stick for lab use	10pcs	8	80
Optical pin	Tiny metal pins used for optics and as dissecting pins	2pks	15	30
Tape rule	3 meters long	10pcs	4	40
Twine	1 rolled used for pendulum experiment	1 roll	20	20
Vernier calipers	Dimensions: 0 – 150mm	4	25	100
Voltmeter	Voltage range; 0 to 300V	5pcs	40	200
Resistors	Set of various resistors used for electricity practicals.	50pcs	4	200
Litmus paper, red	Tiny sheets of red	6pks	5	30
pH paper	pH tiny book with a pH ranging from 0 – 14.	6pks	5	30
Litmus paper, blue	Tiny sheets of blue	6pks	5	30
Safranin reagent, 500mL	Used for staining in microscopy	1pc	48	48

<b>Total</b>				<b>19,250</b>

**NOTE: All equipments are brand new and comes with free installation and set-up, 1 year of warranty and free technical support.**