



“Enhancing The Learning Experience”

6 Annette Crescent, Kingston 10, Jamaica, West Indies
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 E-Mail: info@coldaxmartja.com Website: www.coldaxmartja.com

CSEC BIOLOGY RECOMMENDED MINIMUM EQUIPMENT AND MATERIAL LIST (for a class of 25 students)	
Quantity	Description
1	Aquarium Or Glass Trough
1	Balance (Top Pan Or Triple Beam)
25	Beakers 400 Cm ³ /500 Cm ³ (Pyrex® Student-Grade Beakers, 150ml)
25	Beakers 250 Cm ³ (Pyrex® Student-Grade Beakers, 150ml)
2	Bell Jars With Bungs
50	Bottles Reagent, Assorted
3	Buckets, Plastic, With Covers
15	Burners, Bunsen
1 set	Borers, Cork
	Charts And Models
1	(A) Eye, Human
1	(B) Skeleton, Human
1	(C) Skin, Human
1	(D) System, Female Reproductive, Human
1	(E) System, Male Reproductive, Human
100	Coverslips Or Cover Glasses
10	Crucibles With Lids
10	Cylinders, Measuring, Assorted
1	Desiccator
5	Dish, Evaporating, Porcelain
25	Dish, Petri
10	Flasks, Conical 250 ML (Pyrex® Student-Grade
10	Funnels, filter (Assorted Glass)
25 pairs	Forceps
25	Holder, Test Tube
2	Jars, Gas With Cover Plates
25	Jars, Gas With Screw—Top Lids
12	Knives Or Scalpels
25	Lenses, Hand
1	Microscope, Dissecting
12	Microscope, Light. Magnification X 40 Objective, X 10 Eyepiece (Intermediate)
15	Mirrors, Plane
1	Oven,
1	Pump, Filter



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CSEC BIOLOGY RECOMMENDED MINIMUM EQUIPMENT AND MATERIAL LIST (for a class of 25 students)	
Quantity	Description
30	Racks, Test Tube
1	Box Razor Blades, Single—Edged
1	Refrigerator, Small
12	Rules, Metre
12	Pair Scissors
3	Pair Secateurs
6	Shelves, Beehive
12	Slides, Cavity
1 Box	Slides, Microscope
10	Stands, Retort With 20 Clamps
15	Stands, Tripod
5	Stop Clocks
6	Set Stoppers Or Bungs, Assorted Cork, Rubber
3	Tapes, Measuring (30 Metres)
15	Thermometers, -100 To 110°C (Spirit)
10	Pairs Of Tongs, Crucible
5	Triangles, Pipe-Clay
2	Troughs, Pneumatic, (Glass Or Plastic)
25	Tubes, Boiling
25	Tubing, Glass, Assorted
12 dozen each	Tubes, Test, Assorted (Pyrex® Student-Grade)
2	Tubes, Y-Piece Connector
50 each	Tubing, Capillary, Select Lengths
30 metres	Tubing, Rubber, Normal And Heavy Wall
15	Wire Gauzes, With Insulated Centers
2.5 L	Alcohol Or Ethanol
500 cm ³	Benedict’S Solution
500 g	Calcium Hydroxide
10 packs	Cobalt Chloride Paper
250 g	Copper II Sulphate
250 ml	Methylene Blue Solution 1%
2.5 L	Hydrochloric Acid (Conc.)
10 packs	Indicator, Universal Ph Paper
250 ml	Indicator, Universal Ph, Solution



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CSEC BIOLOGY RECOMMENDED MINIMUM EQUIPMENT AND MATERIAL LIST (for a class of 25 students)	
Quantity	Description
250 ml	Iodine In Potassium Iodide Solution
10 packs	Litmus Paper, Neutral
1 roll	Cotton Wool
10 packs	Paper, Filter (Assorted Sizes)
1 pack	Plasticine
50	Pipettes, Teat (Droppers)
1 kg	Sodium Chloride (Table Salt)
250 g	Sodium Hydrogen Carbonate
100 g	Sodium Hydroxide (Pellets)
2.5 L	Spirits, Methylated
1 roll	Tubing, Dialysis Or Visking
	Slides, Prepared
6	(A) Dicot Leaf, T.S. And Monocot.
6	(B) Dicot Root Tip, L.S. And Monocot
6	(C) Dicot Stem, T.S.
6	(D) Dicot Root, T.S. And Monocot
6	(E) Human Blood Smear
6	(F) Onion Tips
6	(G) Xylem, T.S.
6	(H) Phloem, L.S.
6	(I) Frog Blood Smear
1	Set Meiosis Slides
1	Set Mitosis Slides
1	(A) Skeleton, Mammalian, Complete
	(B) Vertebrae
	(C) Girdles
	(D) Long Bone
	(E) Skulls
	(F) Teeth