



“Enhancing The Learning Experience”

6 Annette Crescent, Kingston 10, Jamaica, West Indies
 Tel: (876) 931-7451, (876) 755-0411 Fax: (876) 941-3593
 E-Mail: info@coldaxmartja.com Website: www.coldaxmartja.com

CSEC Chemistry Recommended Minimum Equipment And Material List – 25 Students	
Quantity	Description
200g	Aluminium Powder.
500g	Aluminium Ammonium Sulphate
2l	Aqueous Ammonia, 3 Mol Dm ⁻³ .
500g	Ammonium Chloride Or Ammonium Carbonate.
500g	Ammonium Nitrate.
1l	Barium Chloride Or Barium Nitrate 0.25 Mol Dm ⁻³ .
50ml	Bromine.
100g	Calcium.
500g	Calcium Carbonate, (Powdered Or Precipitated).
500g	Calcium Chloride, Anhydrous.
500g	Calcium Hydroxide Saturated Solution (Filtered).
500g	Calcium Nitrate.
200g	Charcoal Powder.
500g	Copper (Turnings Or Powder).
500g	Copper, Thick Wire Or Strips.
500g	Copper (Ll) Carbonate.
500g	Copper (Ll) Nitrate.
500g	Copper (Ll) Oxide.
500g	Copper (Ll) Sulphate.
1l	Ethanoic (Acetic) Acid.
3l	Hydrochloric Acid 2 Mol Dm ⁻³ , 5 Mol Dm ⁻³ .
2l	Hydrogen Peroxide, 20 Volume.
50g	Iodine (Resublimed).
1l	Iodine Solution.
500g	Lron (Ll) Ammonium Sulphate.
500g	Iron (Ll) Sulphide.
500g	Iron (III) Chloride.
100g	Lead (Ll) Bromide Of Lead (Ll) Iodide.
	Lead Ethanoate.
	Lead (Ll) Nitrate.
	Lead (Ll) Oxide.
	Litmus Paper, Blue And Red.
	Magnesium Ribbon.



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Quantity	Description
500g	Manganese (Iv) Oxide.
500g	Marble Chips.
1l	Methyl Orange Or Screened Methyl Orange
5l	Nitric Acid 2 Dm ³ .
1l	Phenolphthalein.
500g	Potassium Bromide Or Sodium Bromide.
500g	Potassium Carbonate.
3	Balance (± 0.1 g).
30,60,12	Beakers (100 Cm ³ , 250 Cm ³ , 400 Cm ³)
60	Boiling Tubes.
24	Bunsen Burners.
30	Burettes (50 Cm ³).
30	Burette Brushes.
30	Burette Clamps Or Clips.
100	Capillary Tubes (Melting Point Tubes).
150	Conical Flasks (250 Cm ³).
24	Crucible Tongs.
1 Each	Distillation Apparatus (Simple And Fractional)
36	Dropper Or Teat Pipettes.
24	Evaporating Dishes.
24	Filter Funnels.
10	Filter Paper (120ml)
1	First Aid Kit (1 Per Lab.).
2	Fire Extinguisher (1 Per Lab)
12	Gas Syringes (100 Cm ³).
36	Glass Rods.
25 Each	Glass Tubing (5ml; 10ml)
36; 40; 3	Measuring Cylinders (50 Cm ³ , 100 Cm ³) (1000 Cm ³ For Teachers Use Only)
25	Pipette Fillers.
25	Pipettes (25 Cm ³ Or 20 Cm ³).
120	Reagent Bottles.
20	Retort Stands.



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Quantity	Description
20 Metres	Rubber Tubing.
8	Separating Funnel.
1	Simple Electrolysis Apparatus (Electrodes, Cells, Wire).
36	Spatulas.
2 Boxes	Stoppers Or Bungs.
400	Test Tubes (125 Mm X 15 Mm).
36	Test Tube Brushes.
36	Test Tube Holder.
36	Test Tube Racks.
36	Thermometers (1° C Grad.-10 To 110).
24	Tripods.
3 Sets	Volumetric Flasks (250 Cm ³ , 1 Dm ³ , 2 Dm ³ , — For Teacher's Use)
30	Wash Bottles.
36	Watch Glasses.
20	Wire Gauzes.
24	Delivery Tubes.
24	Boss Heads.
20	Crucibles.
24	Stop Watches.
12	Gas Jars.
1 Pack	Splints.
6	Pneumatic Trough.
6	Beehive Shelf.