

**GRADE 8-9 NATURAL SCIENCES KIT- CAPS CIRRICULUM
(10 GROUPS)**

10	Learner Kit each Kit consisting of the following:	
	1 x Test Tube Rack 6 Hole	
	4 x Test Tube 16x150mm	
	1 x Test Tube Brush to fit test tubes	
	1 x 50ml Beaker Borosilicate Glass	
	1 x Test Tube Holder	
	1 x Spirit Lamp 150ml glass with porcelain wick holder	
	1 x Wire Gauze with Ceramic Centre	
	1 x Tripod Stand	
	1 x 10ml Measuring Cylinder	
	2 x Plastic Spoons	
	1 x Dish Petri 60mm Plastic	
	1 X 16mm Rubber Stopper	
	1 x Stopper 16 mm 1 hole	
	1 x 50mm Funnel Plastic	
	1 x Pkt of Filter Paper	
	2 x Dropper Plastic	
	1 x Medicine Dropper	
	1 x Watch Glass	
	1 x Hand Lens 50mm	
	1 x Thermometer Spirit -10-110 degrees	
	1x Glass Rod for Stirring	
	1 x Pair Gloves	
	1 x Utility Box for apparatus	

TEACHER APPARATUS AND DISSECTION

1	Test-Tube Rack, 6-Hole, 24mm	
6	Test-Tubes, 24x150mm	
1	Test-Tube Brush	
1	Test-Tube Holder Peg Large	
1	Tong Crucible Stainless Steel	
1	Spatula Spoon	
2	Beakers, 250ml Borosilicate Glass	
1	Beaker 1000ml Borosilicate Glass	
1	Glass Rod For Stirring 300mm	
2	Dropper Medicine	
1	Evaporating Basin, 90mm	
1	Spirit Lamp Glass 250ml with Porcelain wick Holder	
1	Tripod Stand	
1	Wire Gauze 12cmx12cm With Ceramic Centre	
1	Measuring Cylinder, 100ml	
1	Rubber Stoppers, Solid To Fit 24mm Test Tube	
1	Rubber Stoppers, 1 Hole To Fit 24mm Test Tube	
1	Delivery Tube with Elbow	
1	Thermometer -10-110 Degrees	
3	Sieves	
2	Plant Pots	
2	Plant Pot Saucer	
1	Ball String	
1	Plasticine 500g	
1	Tape Measure	
1	20ml Syringe, Plastic	
1	Packet Rubber Bands	
1	Plastic Funnel, 75mm	
1	Spring Balance 10 Newton	
1	Box 50 Microscope Slide	
1	Box 100 Microscope Cover Slip	
1	Dissecting Kit in a leather wallet	
1	Microscope Slide Prepared Onion	
1	Microscope Slide Prepared Cheek Cell	

10	Forceps Stainless Steel 112mm	
1	Straws Pkt. 20	
1	Utility Tub for Apparatus	

ELECTRICITY

1	Circuit Board Metal With Mounted Cell Holders	
5	Connectors Metal	
3	Leads 350mm With Croc Clips Black	
3	Leads 350mm With Croc Clips Red	
3	Resistors Mounted	
3	Bulb Holders With Bulbs Mounted On Metal Connector	
1	Switch Mounted On Metal Connector To Fit Circuit Board	
1	Ammeter Triple Scale	
1	Voltmeter Triple Scale	
5	Pair Bar Magnet 75mm	
30	Bulbs 1.5V	
30	Bulb Holder For Torch Bulbs	
30	Cell Holders	
4	Plotting compass	
20	Red Lead 300mm	
20	Black Lead 300mm	
10	LED	
10	Paper Clips	
10	Split Pins	
1	Buzzer	
10	Cloth Flannel	
10	Rulers	
2	Strip Perspex	
2	Strip Polythene	
1	Watch Glass 80mm	
30	Batteries 1.5v Penlight	
1	9v Battery	
1	Battery Snap for 9v Battery	

1	Electric Motor	
10	Nails 100mm	
20	Meters Wire Black	
1	Roll Nichrome Wire	
1	250g Iron Filings	
2	Carbon Rods	
1	Zinc Strip	
1	Copper Strip	
1	Plug 3 Pin	
1	Wire 3 Core	
1	Screwdrivers	
1	Ball & Ring Apparatus	
10	Balloons	
1	Light /Optics Kit	
1	Utility Tub	

CHEMICAL TRAY

1	500ml Vinegar (Dilute Acetic Acid)	
1	500ml Methylated Spirits	
1	Bottle Salt (Sodium Chloride)	
1	Bottle 250g Sugar	
1	Bottle Sodium Bicarbonate	
1	Bottle Copper II Sulphate	
1	Bottle Calcium Carbonate	
1	Bottle Calcium Chloride	
1	Bottle Calcium Hydroxide	
1	Bottle Copper II Chloride	
1	Bottle Copper II Oxide	
1	Packet Charcoal	
3	Pkt Yeast 10g	
1	100ml Benedict Solution	
1	Bottle Magnesium Sulphate	
1	Bottle Magnesium Oxide	
1	Magnesium Ribbon Roll	
1	Methylene Blue 100ml	

1	Bottle Lead Oxide	
1	100ml Ethanol	
1	100ml Hydrochloric Acid (Dilute)	
1	100ml Iodine Solution	
1	100ml Bromothymol Solution	
1	100ml Universal Indicator Solution	
1	100g Sodium Carbonate	
1	100ml Sodium Hydroxide Solution	
1	Bottle Starch	
1	Bottle Sulphur	
1	100g Zinc Granules	
1	100g Zinc Sulphate	
1	100ml Sulphuric Acid Dilute	
1	100g Potassium Permanganate	
1	Goggles	
1	Box Matches	
1	Packet Steel Wool	
1	Wooden Splints Pkt 10	
2	Litmus Paper Blue	
2	Litmus Paper Red	
1	P.H Paper Book	
10	Candles Cut Into Pieces	
1	Aluminum Foil	
1	Utility Tub	
1	Model of Solar System	
1	Microscope 4x ,40x, 400x Magnification	
1	Periodic Table	
1	Experiment Guide For Learner	
1	Experiment Guide For Teacher	
1	Lockable Metal Cabinet	