

CAPS ALIGNED
COMPLETE SCIENCE KIT AND APPARATUS

CATALOGUE

Grade 4 -12

Pfunzo Ye Sive



Suppliers Of Educational Kits

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Contents

Catalogue of the contents of the three science kits we offer :

1. Grade 4 to 6 Natural Science and Technology.
2. Grade 7 to 9 Natural Sciences.
3. Grade 10 to 12 Physical Sciences.

S	1	MEASURING APPARATUS
E	2	GENERAL LAB AND GLASSWARE
I	3	WAVES, SOUND AND LIGHT
R	4	ELECTRICITY AND MAGNETISM
O	5	MECHANICS
G	6	ASTRONOMY
E	7	CHEMICALS
T	8	MISCELLANEOUS
A	9	CHARTS
C	10	MANUALS

The Periodic Table of Elements

Key to the colours used:

- HALOGENS
- ALKALI EARTH METALS
- TRANSITION METALS
- OTHER METALS
- COIN METALS
- ALKALI METALS
- METALLOIDS
- NOBLE GASES
- COPPER HEAVY ELEMENTS
- EARLY TRANSITION METALS
- ACTINIDE METALS

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COLOUR INDICATORS AND pH-SCALE TABLES

INDICATOR	LOWER COLOUR	pH RANGE	UPPER COLOUR
metaphenol violet	yellow-green	0.0 - 2.5	red
metaphenol orange	red	3.0 - 4.4	yellow
orange-red	red	3.0 - 5.5	yellow
bromocresol green	yellow-green	4.0 - 5.5	red
metaphenol red	yellow	4.5 - 6.0	red
bromophenol blue	yellow	3.0 - 4.0	purple
bromocresol purple	yellow	5.0 - 7.0	purple
phenol red	yellow	6.4 - 8.2	red
cresol red	yellow	7.0 - 8.8	red
phenolphthalein	colorless	8.3 - 10.0	dark pink
alizarin	yellow	10.0 - 12.0	dark orange

UNIVERSAL INDICATOR

Red litmus paper with a drop of base turns blue

Blue litmus paper with a drop of acid turns red

Red litmus paper turns blue in a base

Blue litmus paper turns red in an acid

pH-scale

1: Battery acid
2: Lemon juice
3: Vinegar
4: Stomach acid
5: Rain
6: Soft drinks
7: Pure water
8: Baking soda
9: Ammonia
10: Household bleach
11: Bleach
12: Lye

pH-scale

1: Battery acid
2: Lemon juice
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Grade 10 to 12 Senior phase KIT

Measuring apparatus

Cloth Tape Measure



G 10 - 12	FET - 001
G 7 - 9	SP - 001
G 4 - 6	IP - 001

Tape Measure



G 10 - 12	FET - 002
G 7 - 9	SP - 002
G 4 - 6	IP - 002

Folding Tape Measure



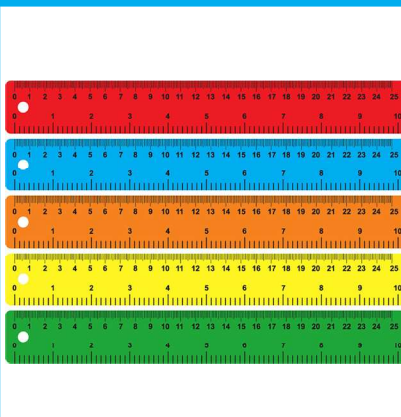
G 10 - 12	FET - 003
G 7 - 9	SP - 003
G 4 - 6	IP - 003

Protractor



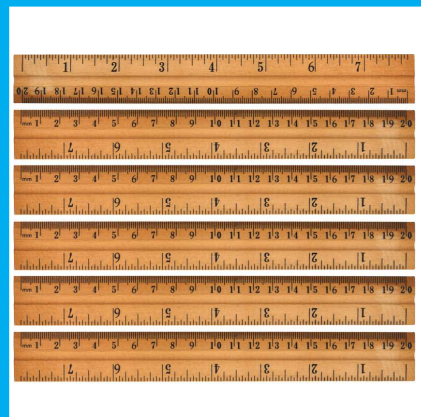
G 10 - 12	FET - 004
G 7 - 9	SP - 004
G 4 - 6	IP - 004

Plastic Rulers



G 10 - 12	FET - 005
G 7 - 9	SP - 005
G 4 - 6	IP - 005

Wooden Rulers



G 10 - 12	FET - 006
G 7 - 9	SP - 006
G 4 - 6	IP - 006

Measuring apparatus

Measuring apparatus

Digital Stop watch

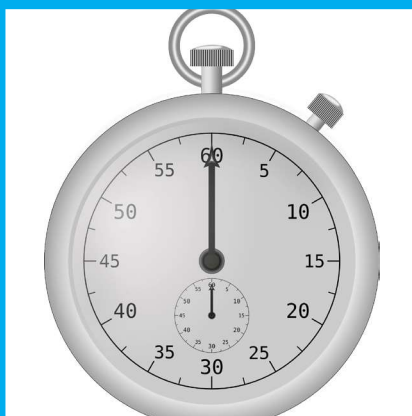


G 10 - 12 FET - 007

G 7 - 9 SP - 007

G 4 - 6 IP - 007

Analogue Stop watch



G 10 - 12 FET - 008

G 7 - 9 SP - 008

G 4 - 6 IP - 008

Mass pieces



G 10 - 12 FET - 009

G 7 - 9

G 4 - 6

Mass pieces on hook



G 10 - 12 FET - 010

G 7 - 9

G 4 - 6

Kitchen Scale



G 10 - 12

G 7 - 9 SP - 011

G 4 - 6 IP - 011

Kitchen Scale - Digital



G 10 - 12

G 7 - 9 SP - 012

G 4 - 6 IP - 012

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Measuring apparatus

Double beam balance



G 10 - 12	
G 7 - 9	SP - 013
G 4 - 6	IP - 013

Triple beam balance



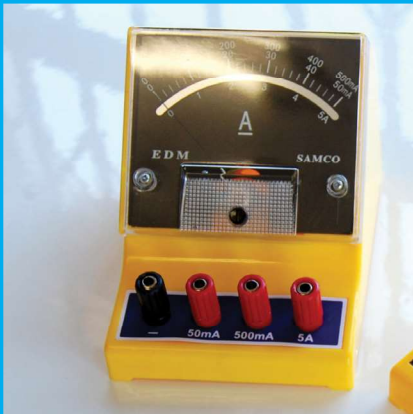
G 10 - 12	
G 7 - 9	SP - 014
G 4 - 6	IP - 014

Spring balance



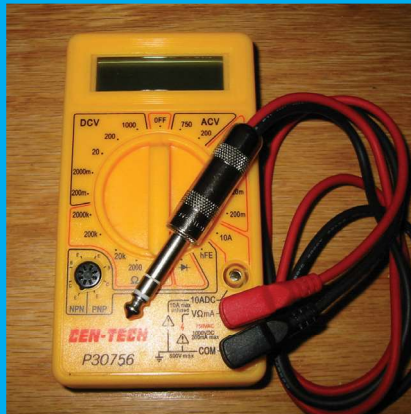
G 10 - 12	
G 7 - 9	SP - 015
G 4 - 6	IP - 015

Ammeter



G 10 - 12	
G 7 - 9	SP - 016
G 4 - 6	IP - 016

Multimeter



G 10 - 12	
G 7 - 9	SP - 017
G 4 - 6	IP - 017

Volt meter



G 10 - 12	
G 7 - 9	SP - 018
G 4 - 6	IP - 018

Measuring apparatus

Measuring apparatus

Galvanometer



G 10 - 12 FET - 019

G 7 - 9

G 4 - 6

Thermometer

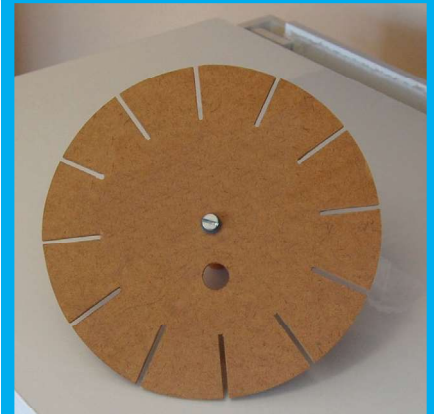


G 10 - 12 FET - 020

G 7 - 9 SP - 020

G 4 - 6 IP - 020

Stroboscope



G 10 - 12 FET - 021

G 7 - 9

G 4 - 6

Mathematics Set



G 10 - 12 FET - 022

G 7 - 9 SP - 022

G 4 - 6 IP - 022

Electroscope



G 10 - 12 FET - 023

G 7 - 9

G 4 - 6

Force table



G 10 - 12 FET - 024

G 7 - 9

G 4 - 6

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General Laboratory

Test tube 24mm

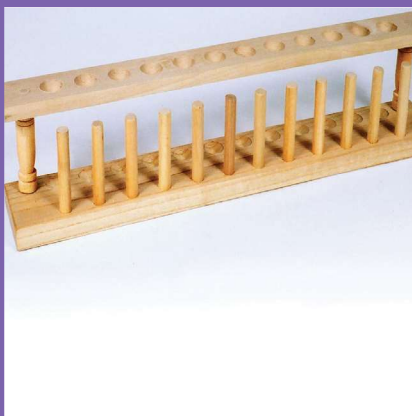


G 10 - 12 FET - 025

G 7 - 9 SP - 025

G 4 - 6 IP - 025

Test tube rack - Wooden



G 10 - 12 FET - 026

G 7 - 9 SP - 026

G 4 - 6 IP - 026

Test tube rack



G 10 - 12 FET - 027

G 7 - 9 SP - 027

G 4 - 6 IP - 027

Beakers

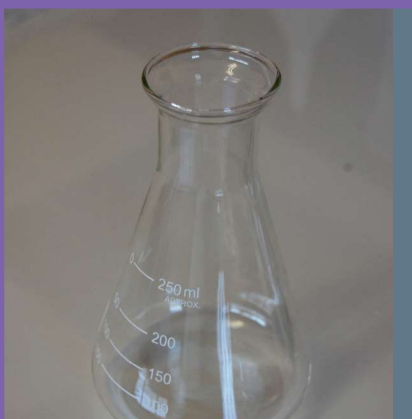


G 10 - 12 FET - 028

G 7 - 9 SP - 028

G 4 - 6 IP - 028

Conical flask 250ml

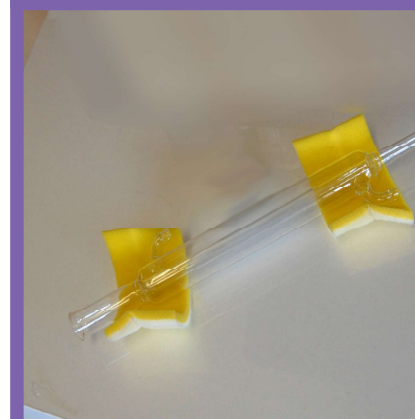


G 10 - 12 FET - 029

G 7 - 9 SP - 029

G 4 - 6 IP - 029

Liebig condenser



G 10 - 12 FET - 043

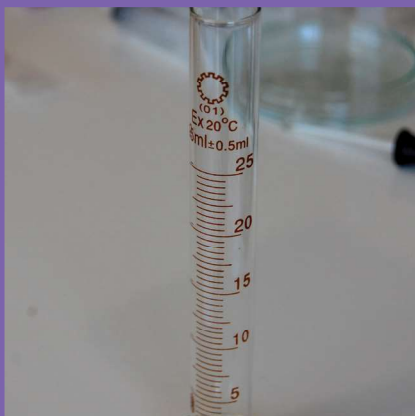
G 7 - 9

G 4 - 6

General Laboratory

General Laboratory

Measuring cylinder 25ml

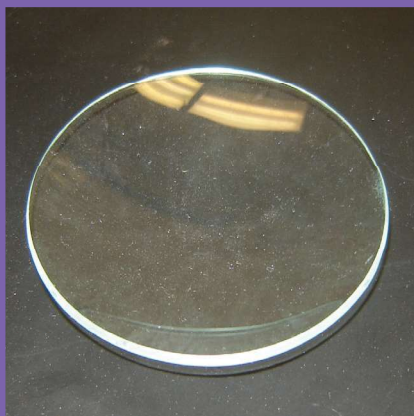


G 10 - 12 FET - 031

G 7 - 9 SP - 031

G 4 - 6 IP - 031

Watch glass



G 10 - 12 FET - 032

G 7 - 9 SP - 032

G 4 - 6 IP - 032

Pipette



G 10 - 12 FET - 033

G 7 - 9 SP - 033

G 4 - 6 IP - 033

Graduated pipette



G 10 - 12 FET - 034

G 7 - 9 SP - 034

G 4 - 6 IP - 034

Glass Burette - Ptfе stopcock



G 10 - 12 FET - 1053

G 7 - 9

G 4 - 6

Burettes



G 10 - 12 FET - 036

G 7 - 9

G 4 - 6

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General Laboratory

Glass Funnel



G 10 - 12 FET - 037

G 7 - 9 SP - 037

G 4 - 6

Plastic Funnel



G 10 - 12

G 7 - 9

G 4 - 6 IP - 038

Glass funnel long stem



G 10 - 12 FET - 039

G 7 - 9 SP - 039

G 4 - 6

Evaporating dish



G 10 - 12 FET - 040

G 7 - 9 SP - 040

G 4 - 6 IP - 040

Gas jar

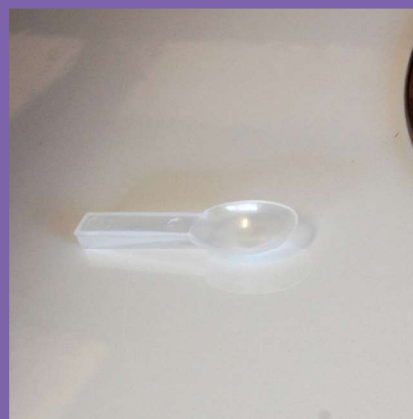


G 10 - 12 FET - 041

G 7 - 9 SP - 041

G 4 - 6 IP - 041

Plastic spoon



G 10 - 12 FET - 042

G 7 - 9 SP - 042

G 4 - 6 IP - 042

General Laboratory

General Laboratory

Porcelain Retort stand



G 10 - 12 FET - 030

G 7 - 9

G 4 - 6 I

Bosshead - Natural alloy

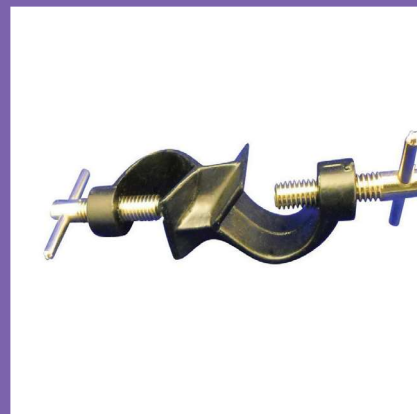


G 10 - 12 FET - 046

G 7 - 9

G 4 - 6

Bosshead - Iron



G 10 - 12 FET - 045

G 7 - 9

G 4 - 6

Universal retort clamp



G 10 - 12 FET - 056

G 7 - 9

G 4 - 6

3 prong retort clamp



G 10 - 12 FET - 054

G 7 - 9

G 4 - 6

Burette clamp



G 10 - 12 FET - 053

G 7 - 9

G 4 - 6

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General Laboratory

Bottle brush



G 10 - 12 FET - 049

G 7 - 9 SP - 049

G 4 - 6 IP - 049

Burette brush



G 10 - 12 FET - 050

G 7 - 9 SP - 050

G 4 - 6 IP - 050

Cylinder brush



G 10 - 12 FET - 051

G 7 - 9 SP - 051

G 4 - 6 IP - 051

Beaker - Low form plastic



G 10 - 12

G 7 - 9

G 4 - 6 IP - 052

Bottle wash



G 10 - 12 FET - 048

G 7 - 9 SP - 048

G 4 - 6 IP - 048

Stirring rods



G 10 - 12 FET - 035

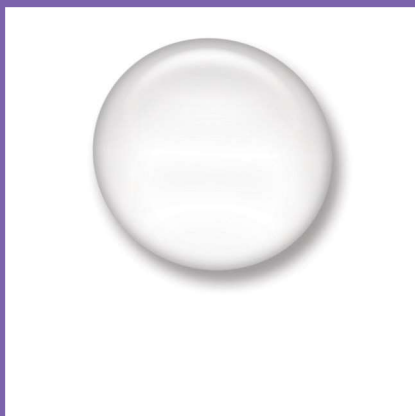
G 7 - 9 SP - 035

G 4 - 6 IP - 035

General Laboratory

General Laboratory

Gas jar cover



G 10 - 12 FET - 069

G 7 - 9 SP - 069

G 4 - 6 IP - 069

Glass Petri dish



G 10 - 12 FET - 055

G 7 - 9 SP - 055

G 4 - 6 IP - 055

Beaker - Tall form



G 10 - 12 FET - 044

G 7 - 9

G 4 - 6

Latex gloves



G 10 - 12 FET - 057

G 7 - 9 SP - 057

G 4 - 6 IP - 057

Safety Goggles



G 10 - 12 FET - 058

G 7 - 9 SP - 058

G 4 - 6 IP - 058

Gauze Flat form



G 10 - 12 FET - 059

G 7 - 9 SP - 059

G 4 - 6 IP - 059

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General Laboratory

Deflagrating spoon



G 10 - 12 FET - 060

G 7 - 9

G 4 - 6

Test tube holder - wood



G 10 - 12 FET - 061

G 7 - 9 SP - 061

G 4 - 6 IP - 061

Dropper



G 10 - 12 FET - 062

G 7 - 9 SP - 062

G 4 - 6 IP - 062

Tripod



G 10 - 12 FET - 063

G 7 - 9 SP - 063

G 4 - 6 IP - 063

Wooden Retort stand



G 10 - 12 FET - 064

G 7 - 9

G 4 - 6

Plastic tubingcock



G 10 - 12 FET - 065

G 7 - 9 SP - 065

G 4 - 6 IP - 065

General Laboratory

General Laboratory

Syringes



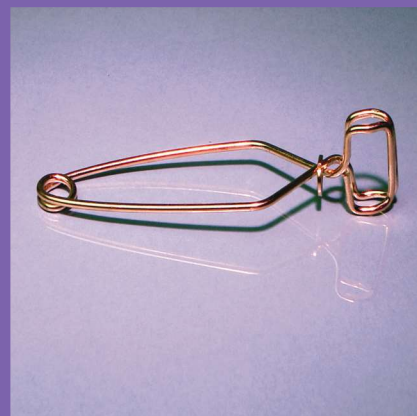
G 10 - 12	FET - 066
G 7 - 9	SP - 066
G 4 - 6	IP - 066

Measuring Cylinders (Plastic)



G 10 - 12	
G 7 - 9	
G 4 - 6	IP - 067

Test tube holder - brass



G 10 - 12	FET - 068
G 7 - 9	SP - 068
G 4 - 6	IP - 068

Plastic bottles



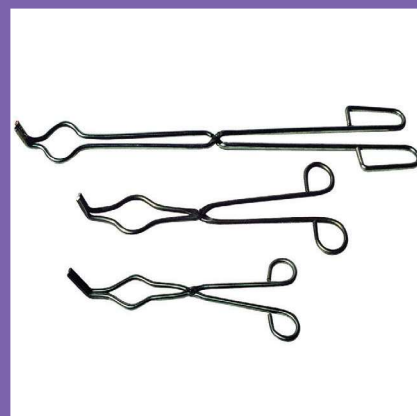
G 10 - 12	FET - 047
G 7 - 9	SP - 047
G 4 - 6	IP - 047

Spatula



G 10 - 12	FET - 070
G 7 - 9	SP - 070
G 4 - 6	IP - 070

Crucible tongs



G 10 - 12	FET - 071
G 7 - 9	SP - 071
G 4 - 6	IP - 071

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General Laboratory

Electrode plates



G 10 - 12	FET - 072
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G 7 - 9	
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G 4 - 6	I
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Water bowl



G 10 - 12	FET - 073
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G 7 - 9	SP - 073
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G 4 - 6	IP - 073
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Rubber stoppers



G 10 - 12	FET - 074
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G 7 - 9	SP - 074
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G 4 - 6	IP - 074
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General Laboratory

General Laboratory

Grade 4-6 Intermediate phase KIT



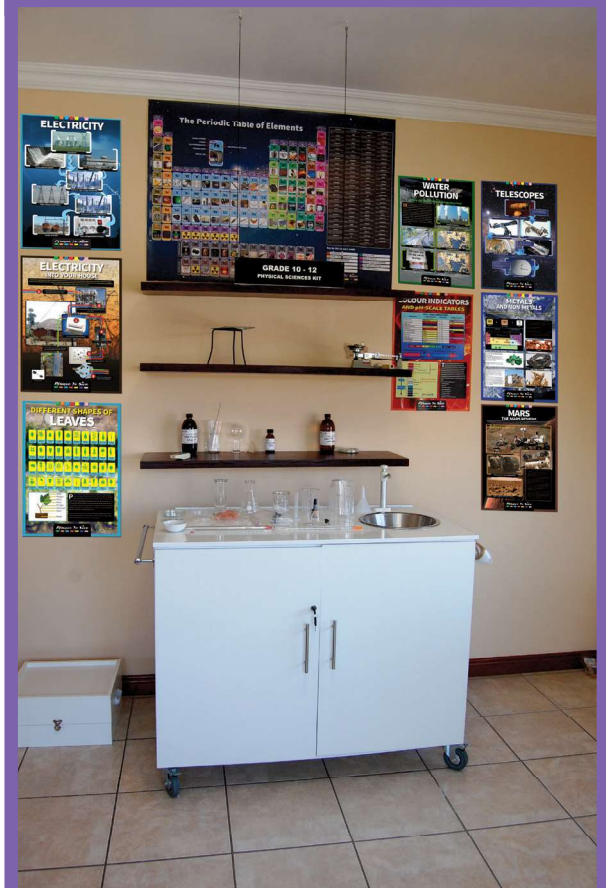
G 10 - 12

G 7 - 9

G 4 - 6

IP - 064

Grade 7 to 9 Senior phase KIT



G 10 - 12

G 7 - 9

G 4 - 6

SP - 065

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Waves, Sound and Light

Tuning fork



G 10 - 12	FET - 075
G 7 - 9	SP - 075
G 4 - 6	IP - 075

Toy pistol with Pellets



G 10 - 12	FET - 076
G 7 - 9	
G 4 - 6	

Slinky spring



G 10 - 12	FET - 077
G 7 - 9	
G 4 - 6	

Lense Set



Biconvex Lens - Acrylic
Biconcave Lens - Acrylic

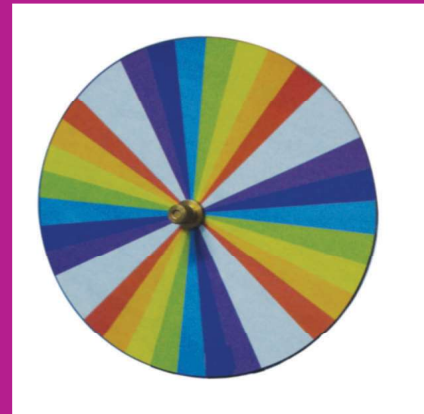
G 10 - 12	FET - 078
G 7 - 9	
G 4 - 6	

Optics kit



G 10 - 12	FET - 079
G 7 - 9	
G 4 - 6	I

Newton Colour Disc



G 10 - 12	FET - 080
G 7 - 9	
G 4 - 6	

Waves, Sound and Light

Waves, Sound and Light

Ripple tank



G 10 - 12

FET - 081

G 7 - 9

G 4 - 6

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Electricity and magnetism

Batteries



G 10 - 12	FET - 083
G 7 - 9	SP - 083
G 4 - 6	IP - 083

Switches



G 10 - 12	FET - 084
G 7 - 9	SP - 084
G 4 - 6	IP - 084

Toggle switch



G 10 - 12	FET - 085
G 7 - 9	SP - 085
G 4 - 6	IP - 085

Lamp



G 10 - 12	FET - 102
G 7 - 9	SP - 102
G 4 - 6	IP - 102

Straight filament bulb



G 10 - 12	FET - 086
G 7 - 9	SP - 086
G 4 - 6	IP - 086

Light bulb



G 10 - 12	FET - 087
G 7 - 9	SP - 087
G 4 - 6	IP - 087

Electricity and magnetism

Electricity and magnetism

Horseshoe magnet



G 10 - 12 FET - 090

G 7 - 9 SP - 090

G 4 - 6 IP - 090

Bar-type magnet



G 10 - 12 FET - 091

G 7 - 9 SP - 091

G 4 - 6 IP - 091

Magnetic needle



G 10 - 12 FET - 093

G 7 - 9 SP - 093

G 4 - 6 IP - 093

Small compass



G 10 - 12 FET - 082

G 7 - 9 SP - 082

G 4 - 6 IP - 082

Brass rod



G 10 - 12 FET - 089

G 7 - 9 SP - 089

G 4 - 6 IP - 089

Magnifying glass



G 10 - 12 FET - 092

G 7 - 9 SP - 092

G 4 - 6 IP - 092

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Electricity and magnetism

Hand Operated Dynamo



G 10 - 12 FET - 094

G 7 - 9

G 4 - 6

Hand Operated Generator



G 10 - 12 FET - 095

G 7 - 9

G 4 - 6

Circuit board kit



G 10 - 12 FET - 096

G 7 - 9

G 4 - 6

Motor

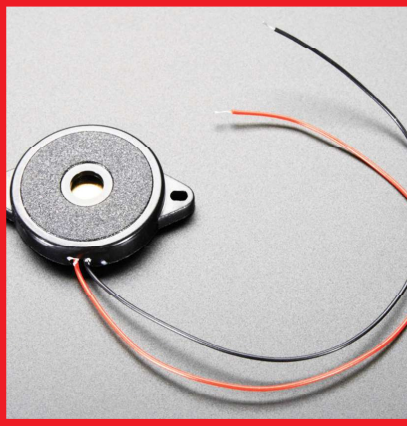


G 10 - 12 FET - 097

G 7 - 9 SP - 097

G 4 - 6

Buzzer



G 10 - 12 FET - 098

G 7 - 9 SP - 098

G 4 - 6

LED



G 10 - 12 FET - 099

G 7 - 9

G 4 - 6

Electricity and magnetism

Electricity and magnetism

Electric flex wire



G 10 - 12	FET - 100
G 7 - 9	SP - 100
G 4 - 6	IP - 100

Nichrome resistance wire



G 10 - 12	FET - 101
G 7 - 9	SP - 101
G 4 - 6	IP - 101

Crocodile clip



G 10 - 12	FET - 105
G 7 - 9	SP - 105
G 4 - 6	IP - 105

Lamp holder



G 10 - 12	FET - 103
G 7 - 9	SP - 103
G 4 - 6	IP - 103

Banana plug & leads



G 10 - 12	FET - 104
G 7 - 9	SP - 104
G 4 - 6	IP - 104

Circuit Board



G 10 - 12	FET - 114
G 7 - 9	
G 4 - 6	

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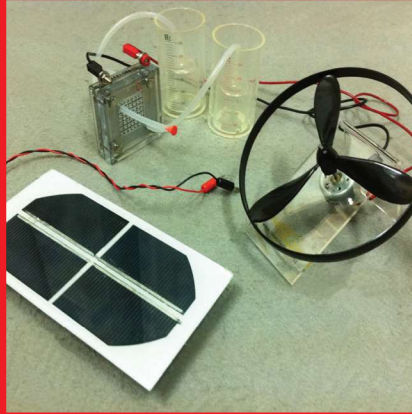
Electricity and magnetism

3 Pin plug



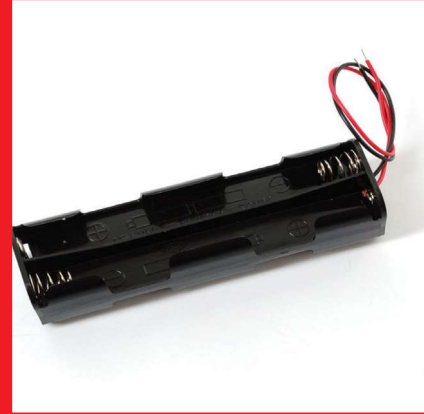
G 10 - 12	FET - 106
G 7 - 9	SP - 106
G 4 - 6	IP - 106

Solar energy kit



G 10 - 12	FET - 107
G 7 - 9	SP - 107
G 4 - 6	

Battery holder



G 10 - 12	FET - 108
G 7 - 9	SP - 108
G 4 - 6	IP - 108

Plain lead wire



G 10 - 12	FET - 109
G 7 - 9	SP - 109
G 4 - 6	IP - 109

Plastic rods



G 10 - 12	
G 7 - 9	
G 4 - 6	IP - 110

Aluminium strips



G 10 - 12	FET - 111
G 7 - 9	SP - 111
G 4 - 6	IP - 111

Electricity and magnetism

Electricity and magnetism

Electrodes



G 10 - 12	FET - 112
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G 7 - 9	
---------	--

G 4 - 6	
---------	--

Aluminium electrode



G 10 - 12	FET - 113
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G 7 - 9	
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G 4 - 6	
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Mechanics

Inclined plane

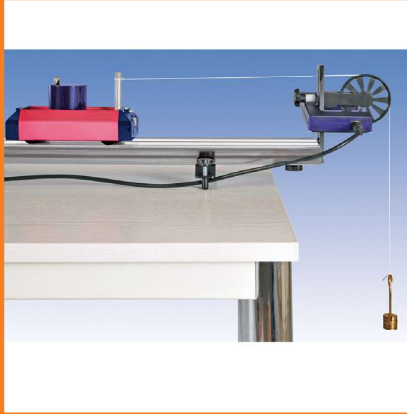


G 10 - 12 FET - 115

G 7 - 9

G 4 - 6

Inclined plane + Trolley



G 10 - 12 FET - 116

G 7 - 9

G 4 - 6

Force board



G 10 - 12 FET - 117

G 7 - 9

G 4 - 6

Force board apparatus



G 10 - 12 FET - 118

G 7 - 9

G 4 - 6

Mechanics

Mechanics

Dynamic kit Mini (ii) Trolley



G 10 - 12

FET - 119

G 7 - 9

G 4 - 6

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Astronomy

Earth globe inflatable



G 10 - 12	
G 7 - 9	SP - 120
G 4 - 6	IP - 120

Compass



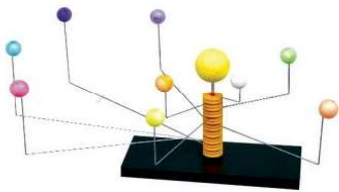
G 10 - 12	FET - 121
G 7 - 9	SP - 121
G 4 - 6	IP - 121

Moon & earth model



G 10 - 12	FET - 122
G 7 - 9	SP - 122
G 4 - 6	IP - 122

Orbiter



G 10 - 12	
G 7 - 9	SP - 123
G 4 - 6	IP - 123

Flashlight



G 10 - 12	FET - 124
G 7 - 9	SP - 124
G 4 - 6	IP - 124

Astronomy

Astronomy

Rock & Mineral Set



G 10 - 12

G 7 - 9

SP - 126

G 4 - 6

IP - 126

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Chemicals

Acetic acid	Methanol
Acetic Acidcalcium Chloride	Nitric Acid
Ammonium Hydroxide	Oxalic Acid
Ammonium Nitrate	Potassium Bromine
Barium Chloride	Potassium Chloride
Blue Copper Sulphate	Potassium Dichromate
Bromine Water	Potassium Iodide
Calcium Carbonate Granules	Potassium Nitrate
Calcium Carbonate Powder	Potassium Permanganate
Calcium Chloride	Potassium Sulphate
Chlorine Water	Silver Nitrate Solution
Chloroform	Sodium Bicarbonate
Citric Acid	Sodium Carbonate
Copper(ii) Sulphate	Sodium Chloride
Copper Chloride	Sodium Hydroxide
Copper Oxide	Sodium Sulphate
Cyclo-Hexene	Sodium Thiosulphate
Ethanol	Sulphuric Acid
Glycerine	Sulphur Powder
Glycerine Sulphuric acid	Xylene
Hydrochloric Acid	Zinc Sulphate
Hydrogen Peroxide	
Iron Powder	
Lead Nitrate	
Lime Water	
Lithium	
Magnesium Sulphate	
Manganese Dioxide	
Manganese Oxide	

Chemicals

Chemicals

Eno



Niyaprakash

G 10 - 12

G 7 - 9

G 4 - 6

SP - 127

IP - 127

Food colouring



wiseGEEK

G 10 - 12

G 7 - 9

G 4 - 6

FET - 128

SP - 128

IP - 128

Steel wool



G 10 - 12

G 7 - 9

G 4 - 6

FET - 129

SP - 129

IP - 129

Magnesium ribbon



G 10 - 12

G 7 - 9

G 4 - 6

FET - 130

SP - 130

IP - 130

Black ink



G 10 - 12

G 7 - 9

G 4 - 6

FET - 158

SP - 158

IP - 158

Endorsing ink pad



G 10 - 12

G 7 - 9

G 4 - 6

FET - 132

SP - 132

IP - 132

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Suppliers Of Educational Kits

Chemicals

Vinegar



G 10 - 12 FET - 133

G 7 - 9 SP - 133

G 4 - 6 IP - 133

Nail polish remover



G 10 - 12 FET - 134

G 7 - 9 SP - 134

G 4 - 6 IP - 134

Test strips



G 10 - 12 FET - 135

G 7 - 9 SP - 135

G 4 - 6 IP - 135

Atom model with bonds



G 10 - 12 FET - 136

G 7 - 9

G 4 - 6

Boyle's law apparatus



G 10 - 12 FET - 137

G 7 - 9

G 4 - 6

Bromothymol blue



G 10 - 12 FET - 138

G 7 - 9 SP - 138

G 4 - 6 IP - 138

Chemicals

Chemicals

Universal indicator



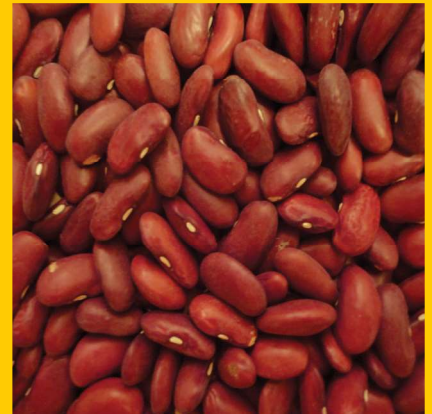
G 10 - 12	FET - 139
G 7 - 9	SP - 139
G 4 - 6	IP - 139

Shampoo



G 10 - 12	FET - 140
G 7 - 9	SP - 140
G 4 - 6	IP - 140

Bean seeds



G 10 - 12	
G 7 - 9	SP - 141
G 4 - 6	IP - 141

Flower seeds



G 10 - 12	FET - 142
G 7 - 9	SP - 142
G 4 - 6	IP - 142

Tea bags



G 10 - 12	
G 7 - 9	SP - 143
G 4 - 6	IP - 143

Sugar



G 10 - 12	FET - 144
G 7 - 9	SP - 144
G 4 - 6	IP - 144

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Suppliers Of Educational Kits

Chemicals

Salt (fine)



G 10 - 12

G 7 - 9 SP - 145

G 4 - 6 IP - 145

Oil

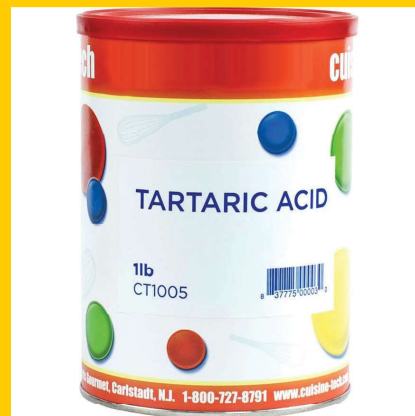


G 10 - 12 FET - 146

G 7 - 9 SP - 146

G 4 - 6 IP - 146

Tartaric acid

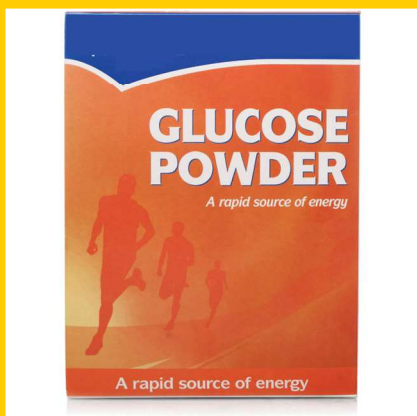


G 10 - 12

G 7 - 9 SP - 147

G 4 - 6 IP - 147

Glucose powder



G 10 - 12

G 7 - 9 SP - 148

G 4 - 6 IP - 148

Lemon juice



G 10 - 12

G 7 - 9 SP - 149

G 4 - 6 IP - 149

Water purification tablet



G 10 - 12

G 7 - 9 SP - 150

G 4 - 6 IP - 150

Chemicals

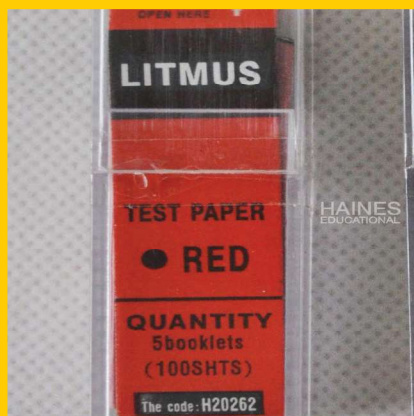
Chemicals

Cal-C-Vita tablets



G 10 - 12	FET - 151
G 7 - 9	SP - 151
G 4 - 6	IP - 151

Litmus paper red



G 10 - 12	FET - 152
G 7 - 9	SP - 152
G 4 - 6	IP - 152

Litmus paper blue



G 10 - 12	
G 7 - 9	SP - 153
G 4 - 6	IP - 153

Maize flour



G 10 - 12	
G 7 - 9	SP - 154
G 4 - 6	IP - 154

Iodine solution



G 10 - 12	FET - 155
G 7 - 9	SP - 155
G 4 - 6	IP - 155

Cake flour



G 10 - 12	
G 7 - 9	SP - 156
G 4 - 6	IP - 156

Pfunzo Ye Sive



Suppliers Of Educational Kits

Chemicals

Custard powder



G 10 - 12

G 7 - 9 SP - 157

G 4 - 6 IP - 157

Vaseline



G 10 - 12 FET - 131

G 7 - 9 SP - 131

G 4 - 6 IP - 131

Samp



G 10 - 12

G 7 - 9 SP - 159

G 4 - 6 IP - 159

Liquid soap



G 10 - 12

G 7 - 9 SP - 160

G 4 - 6 IP - 160

Bicarbonate of soda



G 10 - 12 FET - 161

G 7 - 9 SP - 161

G 4 - 6 IP - 161

Curry powder



G 10 - 12

G 7 - 9 SP - 162

G 4 - 6 IP - 162

Chemicals

Chemicals

Methylated spirit



G 10 - 12	FET - 163
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G 7 - 9	SP - 163
---------	----------

G 4 - 6	IP - 163
---------	----------

Salt (coarse)



G 10 - 12	
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G 7 - 9	SP - 164
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G 4 - 6	IP - 164
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Phenolphthalein indicator



G 10 - 12	FET - 165
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G 7 - 9	SP - 165
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G 4 - 6	IP - 165
---------	----------

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Suppliers Of Educational Kits

Miscellaneous

Sello tape



G 10 - 12	FET - 232
G 7 - 9	SP - 232
G 4 - 6	IP - 232

Tubing



G 10 - 12	FET - 233
G 7 - 9	SP - 233
G 4 - 6	IP - 233

Polystyrene balls



G 10 - 12	FET - 234
G 7 - 9	SP - 234
G 4 - 6	IP - 234

Iron nails



G 10 - 12	FET - 235
G 7 - 9	SP - 235
G 4 - 6	IP - 235

Paper clips



G 10 - 12	FET - 236
G 7 - 9	SP - 236
G 4 - 6	IP - 236

Plasticene clay



G 10 - 12	
G 7 - 9	SP - 237
G 4 - 6	IP - 237

Miscellaneous

Miscellaneous

String



G 10 - 12 FET - 238

G 7 - 9 SP - 238

G 4 - 6 IP - 238

Dissecting scissors



G 10 - 12 FET - 125

G 7 - 9 SP - 125

G 4 - 6 IP - 125

Dissecting set



G 10 - 12 FET - 240

G 7 - 9

G 4 - 6

Trimming knife



G 10 - 12 FET - 241

G 7 - 9 SP - 241

G 4 - 6 IP - 241

Filter paper



G 10 - 12 FET - 242

G 7 - 9 SP - 242

G 4 - 6 IP - 242

Bamboo sticks



G 10 - 12 FET - 243

G 7 - 9 SP - 243

G 4 - 6 IP - 243

Pfunzo Ye Sive



Suppliers Of Educational Kits

Miscellaneous

Candles



G 10 - 12	FET - 244
G 7 - 9	SP - 244
G 4 - 6	IP - 244

Cotton wool



G 10 - 12	FET - 245
G 7 - 9	SP - 245
G 4 - 6	IP - 245

Sand paper



G 10 - 12	FET - 246
G 7 - 9	SP - 246
G 4 - 6	IP - 246

Tooth picks



G 10 - 12	FET - 247
G 7 - 9	SP - 247
G 4 - 6	IP - 247

Marbles



G 10 - 12	
G 7 - 9	SP - 248
G 4 - 6	IP - 248

Scissors



G 10 - 12	FET - 249
G 7 - 9	SP - 249
G 4 - 6	IP - 249

Miscellaneous

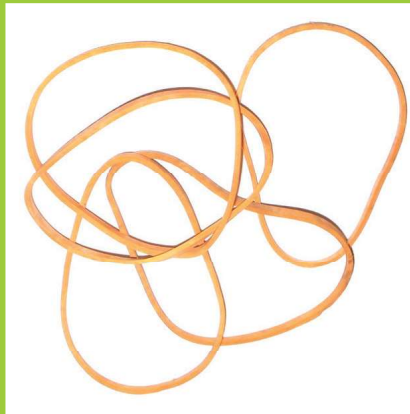
Miscellaneous

Balloons



G 10 - 12	FET - 250
G 7 - 9	SP - 250
G 4 - 6	IP - 250

Elastic bands



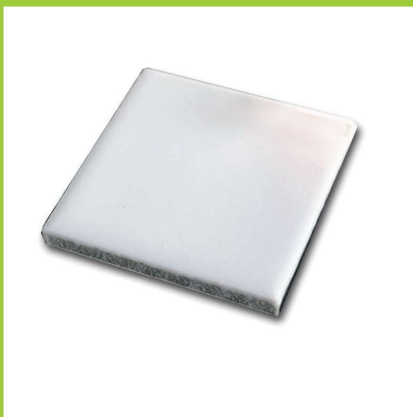
G 10 - 12	FET - 251
G 7 - 9	SP - 251
G 4 - 6	IP - 251

Insulation tape



G 10 - 12	FET - 252
G 7 - 9	SP - 252
G 4 - 6	IP - 252

White tile



G 10 - 12	FET - 253
G 7 - 9	SP - 253
G 4 - 6	IP - 253

Masking tape



G 10 - 12	FET - 239
G 7 - 9	SP - 239
G 4 - 6	IP - 239

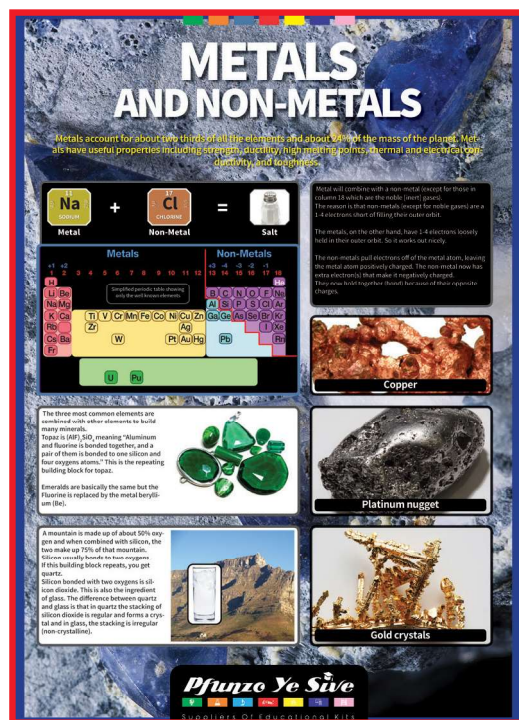
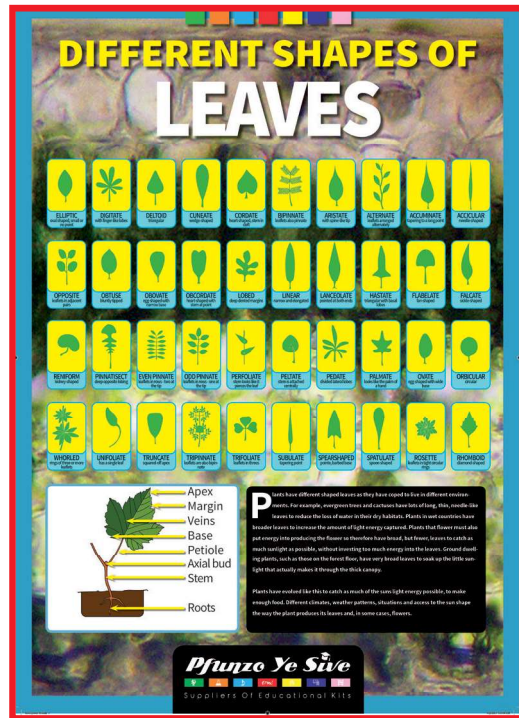
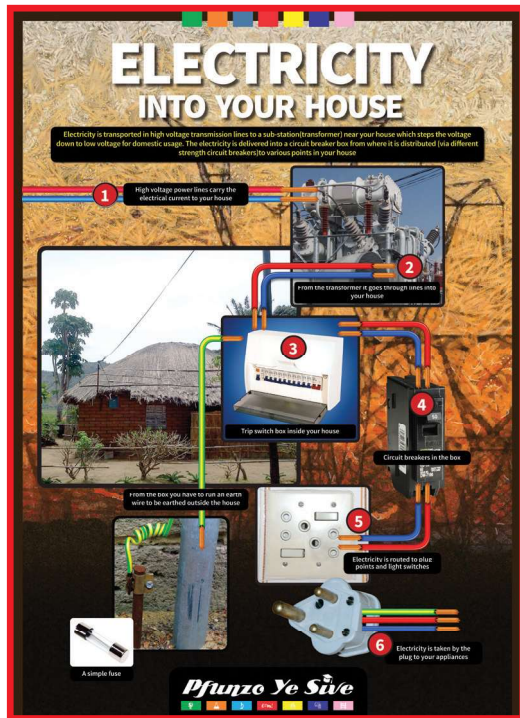
Wood strips
Knives and forks
Paper cups
Aluminium foil
White wood glue
Matches
Silicon tubing

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Suppliers Of Educational Kits

Charts



Charts

Charts



WATER POLLUTION

THERE ARE 5 MAIN TYPES OF WATER POLLUTION

Water pollution occurs when a body of water is adversely affected due to the addition of large amounts of materials to the water. The sources of water pollution are categorized as being a point source or a non-point source of pollution. Point sources of pollution occur when the polluting substance is emitted directly into the waterway. A pipe spewing toxic chemicals directly into a river is an example. A non-point source occurs when there is runoff of pollutants into a waterway, for instance when fertilizer from a field is carried into a stream by surface runoff.

Thermal pollution
Thermal pollution occurs when water is used as a coolant near a power plant or industrial facility and is then returned to the aquatic environment at a higher temperature than it originally was.

Toxic pollution
Toxic pollution occurs when a body of water is contaminated by toxic substances, which can be harmful to the organisms that live in the water.

Ecological pollution
Ecological pollution occurs when a body of water is contaminated by substances that harm the organisms that live in the water.

Organic pollution
Organic pollution occurs when a body of water is contaminated by organic matter, such as food or sewage, which can cause the water to become foul-smelling and unsuitable for drinking.

Specific sources pollution
Specific sources pollution occurs when a body of water is contaminated by a specific source, such as a factory or a farm, which can cause the water to become polluted with harmful substances.

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COLOUR INDICATORS AND pH-SCALE TABLES

INDICATOR	ACID / BASE INDICATORS	LOWER COLOUR (in acid)	pH RANGE	UPPER COLOUR (in base)
methyl violet		yellow-green	0.0 - 2.5	violet
methyl orange		red	2.5 - 4.4	yellow
congo red		blue	3.0 - 5.5	red
bromocresol green		bromocresol green	4.5 - 5.5	blue
methyl red		red	4.8 - 6.0	red
bromophenol blue		yellow	3.0 - 4.6	purple
bromothymol blue		yellow	6.0 - 7.6	reddish
phenol red		yellow	6.4 - 8.2	red
cresol red		yellow	7.1 - 8.8	violet
phenolphthalein		colorless	8.3 - 10.0	dark pink
alizarin yellow		yellow	9.9 - 11.8	dark orange

UNIVERSAL INDICATOR

Red litmus paper with a drop of base here

Blue litmus paper with a drop of acid here

Red litmus paper turns blue in a base

Blue litmus paper turns red in an acid

pH-scale

0: Battery acid

1: Lemon juice

2: Vinegar

3: Adult fish die

4: Fish reproduction affected

5: Acid Rain

6: Normal range precipitation

7: Normal range of stream water

8: Milk

9: Baking soda

10: Sea water

11: Milk of Magnesia

12: Ammonia

13: Live

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TELESCOPES

NEWTON'S TELESCOPE
Newton's first reflecting telescope was completed in 1672 and is the earliest known functional reflecting telescope.

REFLECTING TELESCOPE
A reflecting telescope is a type of telescope that uses a mirror to gather light and form an image.

OLD INDIAN TELESCOPE
Hubble's four main instruments observe in the near ultraviolet, visible, and near infrared spectra.

REFRACTING TELESCOPE
A refracting telescope is a type of telescope that uses a lens to gather light and form an image.

HUBBLE SPACE TELESCOPE
Hubble's four main instruments observe in the near ultraviolet, visible, and near infrared spectra.

RADIO TELESCOPE
A radio telescope is a type of telescope that uses a radio antenna to gather radio waves from space.

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Charts

LIGHT MEAT TUNA



INGREDIENTS: Tuna (Fish), water, salt

Nutrition Facts

Single serving size: 55g

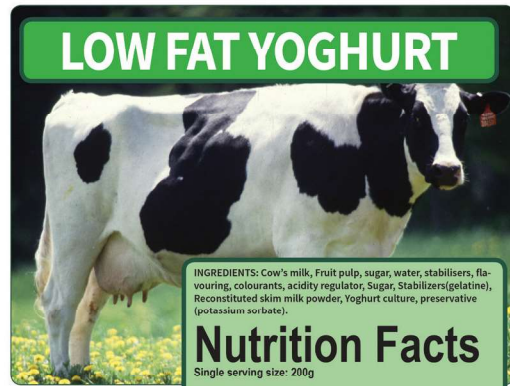
	Per 100 g	Per single serving
Energy (kJ)	422	232
Protein (g)	22.1	12.1
Glycaemic Carbohydrate (g)	<1	<1
of which total sugar (g)	0	0
Total fat (g)	1.4	0.8
of which saturated fat (g)	0.5	0.3
Dietary fibre (g)	0.5	0.3
Total Sodium (mg)	26	52

Nutritional information of a typical can of Tuna as packed



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LOW FAT YOGHURT



INGREDIENTS: Cow's milk, Fruit pulp, sugar, water, stabilisers, flavouring, colourants, acidity regulator, Sugar, Stabilizers(gelatine), Reconstituted skim milk powder, Yoghurt culture, preservative (potassium sorbate).

Nutrition Facts

Single serving size: 200g

	Per 100 g	Per single serving
Energy (kJ)	366	736
Protein (g)	2.1	4.2
Glycaemic Carbohydrate (g)	15	30
of which total sugar (g)	12.2	24.4
Total fat (g)	2.1	4.2
of which saturated fat (g)	1.5	3.0
Dietary fibre (g)	<1.5	<1.0
Total Sodium (mg)	26	52
Calcium (mg)	71.3	142.6

Nutritional information of a typical low fat yoghurt as packed



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COLD DRINK



INGREDIENTS: Carbonated water, sugar, citric acid, stabilizers, preservatives (Sodium benzoate and potassium sorbate), flavouring

Nutrition Facts

Single serving size: 250g

	Per 100 g	Per single serving
Energy (kJ)	202	504
Protein (g)	0	0
Glycaemic Carbohydrate (g)	12	29
of which total sugar (g)	11.8	29.4
Total fat (g)	0	0
of which saturated fat (g)	0	0
Dietary fibre (g)	0.5	0.3
Total Sodium (mg)	0	0

Nutritional information of a typical soft drink as bottled



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WHITE RICE



INGREDIENTS: Long grain parboiled rice and vitamins..

Nutrition Facts

Single serving size: 100g

	Per 100 g	Per single serving
Energy (kJ)	1444	1444
Protein (g)	9.7	9%
Glycaemic Carbohydrate (g)	69.7	69.7
of which total sugar (g)	1.0	1.0
Total fat (g)	1.2	1.2
of which saturated fat (g)	0.7	0.7
monounsaturated fat (g)	0.29	0.29
Polysaturated fat (g)	0.14	0.14
Cholesterol	0	0
Dietary fibre (g)	0.8	0.8
Total Sodium (mg)	2.76	52
Vitamin A (mcg RE)	135	15%
Vitamin B1 (mg)	0.18	15%
Vitamin B3 (mg)	2.4	15%
Folic acid (mcg)	60	15%
Vitamin B12 (mcg)	0.36	15%

Nutritional information of a typical white rice as packed



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Charts

Charts

The Periodic Table of Elements

ATOMIC NUMBER
SYMBOL
ELECTRONEGATIVITY
ELEMENT NAME
TYPICAL USE
RELATIVE ATOMIC MASS

Example element: **Fe** (Iron)

Key to the colours used:

- HALOGENS
- ALKALI EARTH GROUPS
- TRANSITION METALS
- OTHER METALS
- NON-METALS
- ALKALI METALS
- METALLOIDS
- NOBLE GASSES
- SUPER HEAVY ELEMENTS
- RARE EARTH METALS
- ACTINIDE METALS

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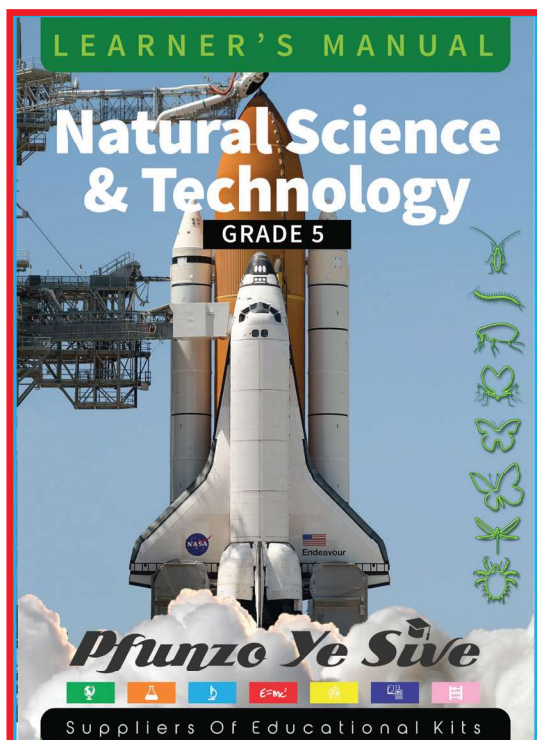
Illustrated Periodic Table of Elements

Pfunzo Ye Sive



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Manuals



Manuals

Manuals

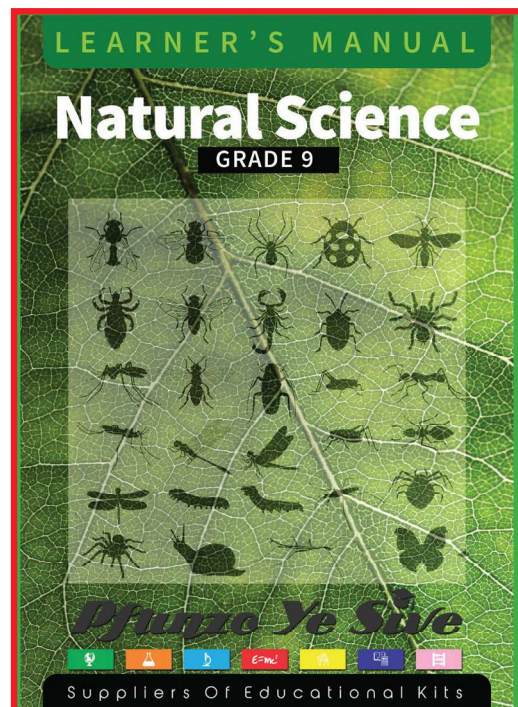
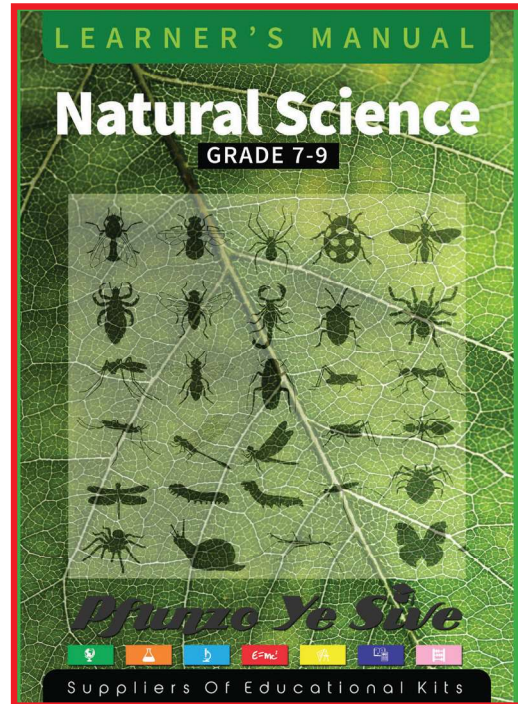


Pfunzo Ye Sive



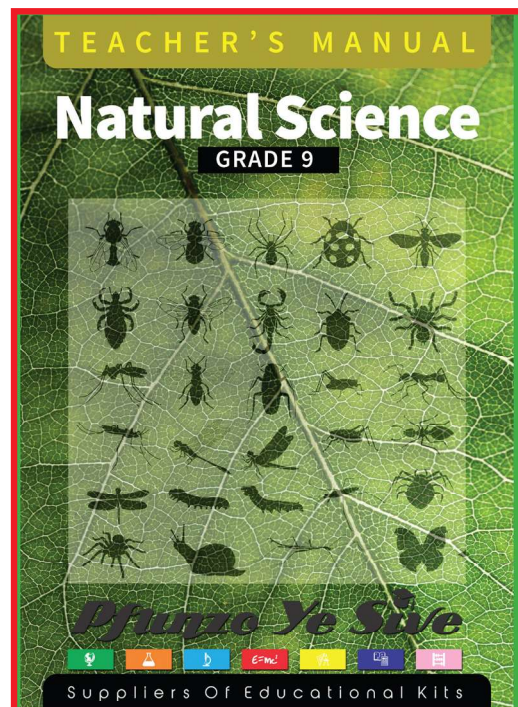
Suppliers Of Educational Kits

Manuals



Manuals

Manuals

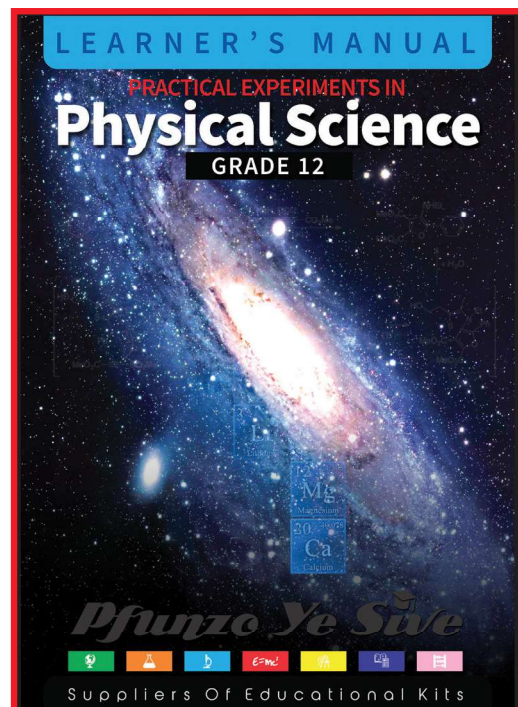
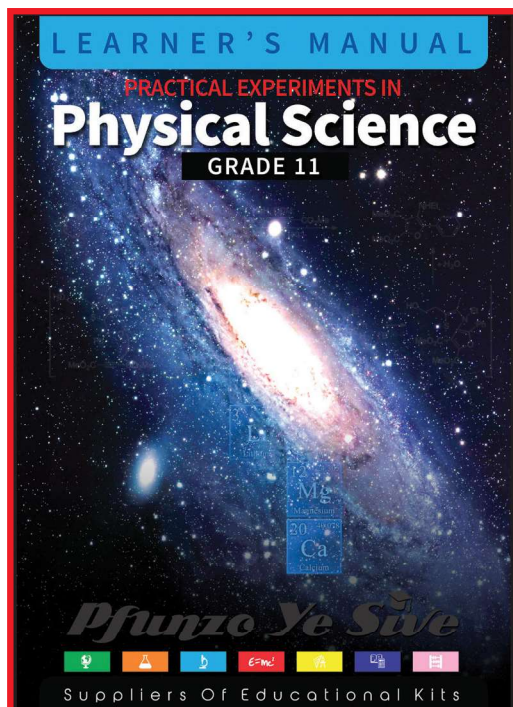
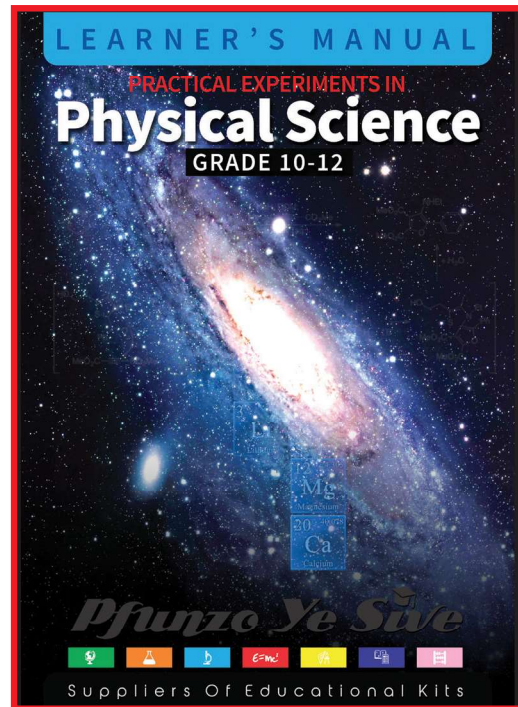
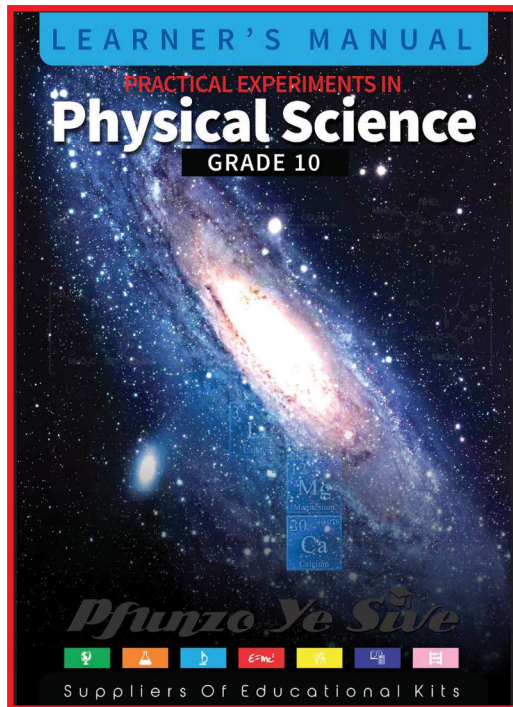


Pfunzo Ye Sive



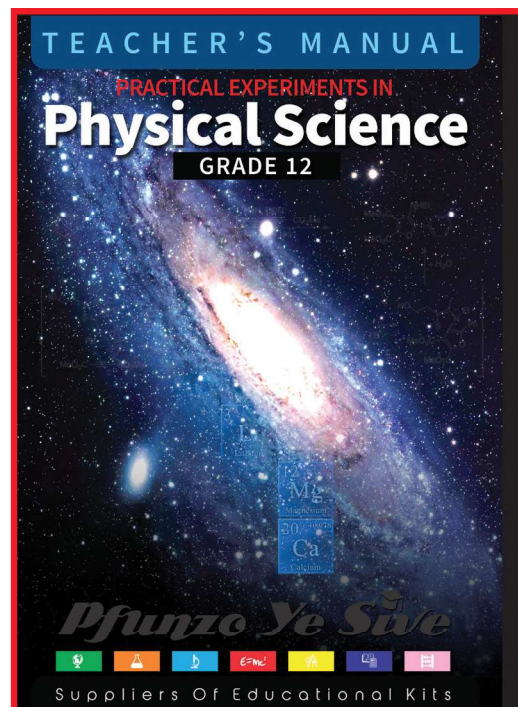
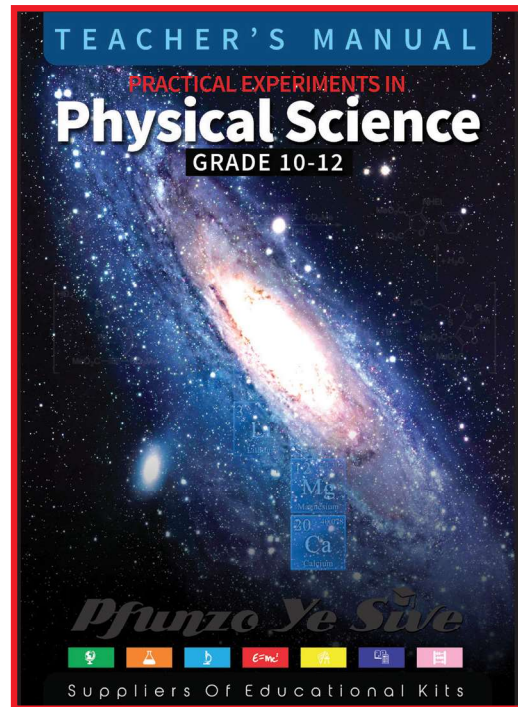
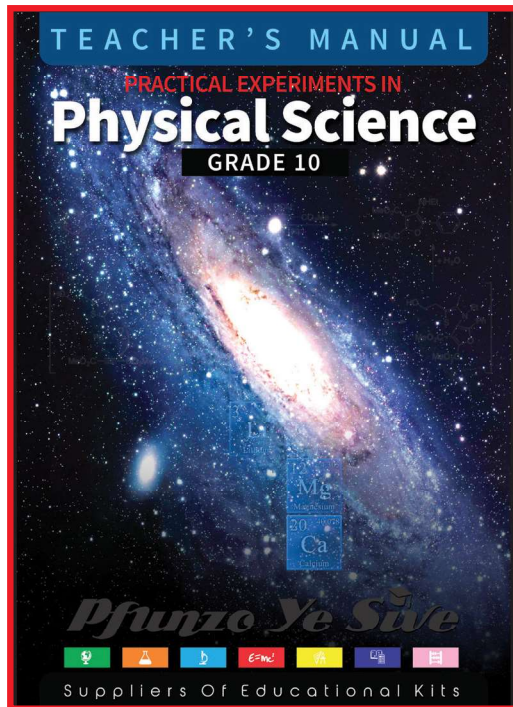
Suppliers Of Educational Kits

Manuals



Manuals

Manuals



Pfunzo Ye Sive



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COMPLETE SCIENCE KIT AND APPARATUS ORDER FORM

Please complete the following details

Company Name:	
Address:	
Tel number:	
Fax number:	
Email:	
VAT Reg No:	
Website: (If applicable):	

PLEASE NOTE.

We will request a 50% Deposit before we proceed with the order after the 50% they can send the outstanding amount so that we can proceed with the delivery.

The account details are as follows:

Name of Account : Pfunzo Ye Sive (Pty) Ltd
 Bank : Standard Bank
 Branch Name : Sandton
 Branch Code : 019205
 Account Number : 42 100 148 8
 Type of Account : Business Current Account
 Registration Number : 2014/072838/07
 Swift Code : SBZAJJ

IMPORTANT! :

This page must be sent with all the details filled in together with the pages where you have marked your orders.

Please fill in the number of items you need in the Quantity column next to the item codes.

The codes represent the different grades as follows:

IP = Grades 4-6, SP = Grades 7-9 and FET = Grades 10-12.

Once you have completed your order you are required to fax it to

Pfunzo Ye Sive at Fax: (011) 869-0415 and we will contact you.

EQUIPMENT	Code	Qty	Code	Qty	Code	Qty
MEASURING APPARATUS						
Cloth Tape Measure	IP - 001		SP - 001		FET - 001	
Tape Measure	IP - 002		SP - 002		FET - 002	
Folding Tape Measure	IP - 003		SP - 003		FET - 003	
Protractor	IP - 004		SP - 004		FET - 004	
Plastic Rulers	IP - 005		SP - 005		FET - 005	
Wooden Rulers	IP - 006		SP - 006		FET - 006	
Digital Stop watch	IP - 007		SP - 007		FET - 007	
Analogue Stop watch	IP - 008		SP - 008		FET - 008	
Mass pieces					FET - 009	
Mass pieces on hook					FET - 010	
Kitchen Scale	IP - 011		SP - 011			
Kitchen Scale - Digital	IP - 012		SP - 012			
Double beam balance	IP - 013		SP - 013			
Triple beam balance	IP - 014		SP - 014			
Spring balance	IP - 015		SP - 015			
Ammeter	IP - 016		SP - 016			
Multimeter	IP - 017		SP - 017			
Volt meter	IP - 018		SP - 018			
Galvanometer					FET - 019	
Thermometer	IP - 020		SP - 020		FET - 020	
Stroboscope					FET - 021	
Mathematics Set	IP - 022		SP - 022		FET - 022	
Electroscope					FET - 023	
Force table					FET - 024	
GENERAL LABORATORY						
Test tube 24mm	IP - 025		SP - 025		FET - 025	
Test tube rack - Wooden	IP - 026		SP - 026		FET - 026	
Test tube rack	IP - 027		SP - 027		FET - 027	

EQUIPMENT	Code	Qty	Code	Qty	Code	Qty
Beakers	IP - 028		SP - 028		FET - 028	
Conical flask 250ml	IP - 029		SP - 029		FET - 029	
Porcelain Retort stand					FET - 030	
Measuring cylinder 25ml	IP - 031		SP - 031		FET - 031	
Watch glass	IP - 032		SP - 032		FET - 032	
Pipette	IP - 033		SP - 033		FET - 033	
Graduated pipette	IP - 034		SP - 034		FET - 034	
Stirring rods	IP - 035		SP - 035		FET - 035	
Burettes					FET - 036	
Glass Funnel	IP - 037		SP - 037			
Plastic Funnel	IP - 038					
Glass funnel long stem	IP - 039		SP - 039			
Evaporating dish	IP - 040		SP - 040		FET - 040	
Gas jar	IP - 041		SP - 041		FET - 041	
Plastic spoon	IP - 042		SP - 042		FET - 042	
Liebig condenser					FET - 043	
Beaker - Tall form					FET - 044	
Bosshead - Iron					FET - 045	
Bosshead - Natural alloy					FET - 046	
Plastic bottles	IP - 047		SP - 047		FET - 047	
Bottle wash	IP - 048		SP - 048		FET - 048	
Bottle brush	IP - 049		SP - 049		FET - 049	
Burette brush	IP - 050		SP - 050		FET - 050	
Cylinder brush	IP - 051		SP - 051		FET - 051	
Beaker - Low form plastic	IP - 052					
Burette clamp					FET - 053	
3 prong retort clamp					FET - 054	
Glass Petri dish	IP - 055		SP - 055		FET - 055	
Universal retort clamp					FET - 056	
Latex gloves	IP - 057		SP - 057		FET - 057	
Safety Goggles	IP - 058		SP - 058		FET - 058	
Gauze Flat form	IP - 059		SP - 059		FET - 059	
Deflagrating spoon					FET - 060	
Test tube holder - wood	IP - 061		SP - 061		FET - 061	

EQUIPMENT	Code	Qty	Code	Qty	Code	Qty
Dropper	IP - 062		SP - 062		FET - 062	
Tripod	IP - 063		SP - 063		FET - 063	
	IP - 064		SP - 064		FET - 064	
Plastic tubingcock	IP - 065		SP - 065		FET - 065	
Syringes	IP - 066		SP - 066		FET - 066	
Measuring cylinders - plastic	IP - 067					
Test tube holder - brass	IP - 068		SP - 068		FET - 068	
Gas jar cover	IP - 069		SP - 069		FET - 069	
Spatula	IP - 070		SP - 070		FET - 070	
Crucible tongs	IP - 071		SP - 071		FET - 071	
Electrode plates					FET - 072	
Water bowl	IP - 073		SP - 073		FET - 073	
Rubber stoppers	IP - 074		SP - 074		FET - 074	
Tuning fork	IP - 075		SP - 075		FET - 075	
WAVES, SOUND AND LIGHT						
Toy pistol with Pellets					FET - 076	
Slinky spring					FET - 077	
Lense Set					FET - 078	
Optics kit					FET - 079	
Newton Colour Disc					FET - 080	
Ripple tank					FET - 081	
ELECTRICITY AND MAGNETISM						
Small compass	IP - 082		SP - 082		FET - 082	
Batteries	IP - 083		SP - 083		FET - 083	
Switches	IP - 084		SP - 084		FET - 084	
Toggle switch	IP - 085		SP - 085		FET - 085	
Straight filament bulb	IP - 086		SP - 086		FET - 086	
Light bulb	IP - 087		SP - 087		FET - 087	
Electroscope					FET - 088	
Brass rod	IP - 089		SP - 089		FET - 089	
Horseshoe magnet	IP - 090		SP - 090		FET - 090	
Bar-type magnet	IP - 091		SP - 091		FET - 091	
Magnifying glass	IP - 092		SP - 092		FET - 092	
Magnetic needle	IP - 093		SP - 093		FET - 093	

EQUIPMENT	Code	Qty	Code	Qty	Code	Qty
Hand Operated Dynamo					FET - 094	
Hand Operated Generator					FET - 095	
Circuit board kit					FET - 096	
Motor			SP - 097		FET - 097	
Buzzer			SP - 098		FET - 098	
LED					FET - 099	
Electric flex wire	IP - 100		SP - 100		FET - 100	
Nichrome resistance wire	IP - 101		SP - 101		FET - 101	
Lamp	IP - 102		SP - 102		FET - 102	
Lamp holder	IP - 103		SP - 103		FET - 103	
Banana plug & leads	IP - 104		SP - 104		FET - 104	
Crocodile clip	IP - 105		SP - 105		FET - 105	
3 Pin plug	IP - 106		SP - 106		FET - 106	
Solar energy kit			SP - 107		FET - 107	
Battery holder	IP - 108		SP - 108		FET - 108	
Plain lead wire	IP - 109		SP - 109		FET - 109	
Plastic rods	IP - 110					
Aluminium strips	IP - 111		SP - 111		FET - 111	
Electrodes					FET - 112	
Aluminium electrode					FET - 113	
Circuit Board					FET - 114	
MECHANICS						
Inclined plane					FET - 115	
Inclined plane + Trolley					FET - 116	
Force board					FET - 117	
Force board apparatus					FET - 118	
Dynamic kit Mini (ii) Trolley					FET - 119	
ASTRONOMY						
Earth globe inflatable	IP - 120		SP - 120			
Compass	IP - 121		SP - 121		FET - 121	
Moon & earth model	IP - 122		SP - 122		FET - 122	
Orbiter	IP - 123		SP - 123			
Flashlight	IP - 124		SP - 124			
Dissecting scissors	IP - 125		SP - 125		FET - 125	

EQUIPMENT	Code	Qty	Code	Qty	Code	Qty
Rock & Mineral Set	IP - 126		SP - 126		FET - 126	
CHEMICALS						
Eno	IP - 127		SP - 127			
Food colouring	IP - 128		SP - 128		FET - 128	
Steel wool	IP - 129		SP - 129		FET - 129	
Magnesium ribbon	IP - 130		SP - 130		FET - 130	
Vaseline	IP - 131		SP - 131		FET - 131	
Endorsing ink pad	IP - 132		SP - 132		FET - 132	
Vinegar	IP - 133		SP - 133		FET - 133	
Nail polish remover	IP - 134		SP - 134		FET - 134	
Test strips	IP - 135		SP - 135		FET - 135	
Atom model with bonds					FET - 136	
Boyle's law apparatus					FET - 137	
Bromothymol blue	IP - 138		SP - 138		FET - 138	
Universal indicator	IP - 139		SP - 139		FET - 139	
Shampoo	IP - 140		SP - 140		FET - 140	
Bean seeds	IP - 141		SP - 141			
Flower seeds	IP - 142		SP - 142		FET - 142	
Tea bags	IP - 143		SP - 143			
Sugar	IP - 144		SP - 144		FET - 144	
Salt (fine)	IP - 145		SP - 145			
Oil	IP - 146		SP - 146		FET - 146	
Tartaric acid	IP - 147		SP - 147			
Glucose powder	IP - 148		SP - 148			
Lemon juice	IP - 149		SP - 149			
Water purification tablet	IP - 150		SP - 150			
Cal-C-Vita tablets	IP - 151		SP - 151		FET - 151	
Litmus paper red	IP - 152		SP - 152		FET - 152	
Litmus paper blue	IP - 153		SP - 153			
Maize flour	IP - 154		SP - 154			
Iodine solution	IP - 155		SP - 155		FET - 155	

EQUIPMENT	Code	Qty	Code	Qty	Code	Qty
Cake flour	IP - 156		SP - 156			
Custard powder	IP - 157		SP - 157			
Black ink	IP - 158		SP - 158		FET - 158	
Samp	IP - 159		SP - 159			
Liquid soap	IP - 160		SP - 160			
Bicarbonate of soda	IP - 161		SP - 161		FET - 161	
Curry powder	IP - 162		SP - 162			
Methylated spirit	IP - 163		SP - 163		FET - 163	
Salt (coarse)	IP - 164		SP - 164			
Phenolphthalein indicator	IP - 165		SP - 165		FET - 165	
Acetic acid	IP - 166		SP - 166		FET - 166	
Acetic Acidalcium Chloride	IP - 167		SP - 167		FET - 167	
Ammonium Hydroxide	IP - 168		SP - 168		FET - 168	
Ammonium Nitrate	IP - 169		SP - 169		FET - 169	
Barium Chloride	IP - 170		SP - 170		FET - 170	
Blue Copper Sulphate	IP - 171		SP - 171		FET - 171	
Bromine Water	IP - 172		SP - 172		FET - 172	
Calcium Carbonate Granules	IP - 173		SP - 173		FET - 173	
Calcium Carbonate Powder	IP - 174		SP - 174		FET - 174	
Calcium chloride	IP - 175		SP - 175		FET - 175	
Chlorine Water	IP - 176		SP - 176		FET - 176	
Chloroform	IP - 177		SP - 177		FET - 177	
Citric Acid	IP - 178		SP - 178		FET - 178	
Copper(ii) Sulphate	IP - 179		SP - 179		FET - 179	
Copper Chloride	IP - 180		SP - 180		FET - 180	
Copper Oxide	IP - 181		SP - 181		FET - 181	
	IP - 182		SP - 182		FET - 182	
Cyclo-Hexene	IP - 183		SP - 183		FET - 183	
Ethanol	IP - 184		SP - 184		FET - 184	
Glycerine	IP - 185		SP - 185		FET - 185	
Glycerine Sulphuric acid	IP - 186		SP - 186		FET - 186	
Hydrochloric Acid	IP - 187		SP - 187		FET - 187	
Hydrogen Peroxide	IP - 188		SP - 188		FET - 188	
Iron Powder	IP - 189		SP - 189		FET - 189	

EQUIPMENT	Code	Qty	Code	Qty	Code	Qty
Lead Nitrate	IP - 190		SP - 190		FET - 190	
Lead Nitrate	IP - 191		SP - 191		FET - 191	
Lime Water	IP - 192		SP - 192		FET - 192	
Lithium	IP - 193		SP - 193		FET - 193	
Magnesium Sulphate	IP - 194		SP - 194		FET - 194	
Manganese Dioxide	IP - 195		SP - 195		FET - 195	
Manganese Oxide	IP - 196		SP - 196		FET - 196	
Methanol	IP - 197		SP - 197		FET - 197	
Nitric Acid	IP - 198		SP - 198		FET - 198	
Oxalic Acid	IP - 199		SP - 199		FET - 199	
Potassium Bromine	IP - 200		SP - 200		FET - 200	
Potassium Chloride	IP - 201		SP - 201		FET - 201	
Potassium Dichromate	IP - 202		SP - 202		FET - 202	
Potassium Iodide	IP - 203		SP - 203		FET - 203	
Potassium Nitrate	IP - 204		SP - 204		FET - 204	
Potassium Permanganate	IP - 205		SP - 205		FET - 205	
Potassium Sulphate	IP - 206		SP - 206		FET - 206	
Silver Nitrate Solution	IP - 207		SP - 207		FET - 207	
Sodium Bicarbonate	IP - 208		SP - 208		FET - 208	
Sodium Carbonate	IP - 209		SP - 209		FET - 209	
Sodium Chloride	IP - 210		SP - 210		FET - 210	
Sodium Hydroxide	IP - 211		SP - 211		FET - 211	
Sodium Sulphate	IP - 212		SP - 212		FET - 212	
Sodium Sulphate	IP - 213		SP - 213		FET - 213	
Sodium Thiosulphate	IP - 214		SP - 214		FET - 214	
Sulphuric Acid	IP - 215		SP - 215		FET - 215	
Sulphur Powder	IP - 216		SP - 216		FET - 216	
Xylene	IP - 217		SP - 217		FET - 217	
Zinc Sulphate	IP - 218		SP - 218		FET - 218	
CHARTS						
Electricity Chart	IP - 219		SP - 219		FET - 219	
Leaves Chart	IP - 220		SP - 220		FET - 220	
Mars Chart	IP - 221		SP - 221		FET - 221	
Metals Chart	IP - 222		SP - 222		FET - 222	

EQUIPMENT	Code	Qty	Code	Qty	Code	Qty
Electricity Grid Chart	IP - 223		SP - 223		FET - 223	
Water Pollution Chart	IP - 224		SP - 234		FET - 224	
Colour Indicators Chart	IP - 225		SP - 225		FET - 225	
Telescopes Chart	IP - 226		SP - 226		FET - 226	
Light Meat Tuna Chart	IP - 227		SP - 227		FET - 227	
Low Fat Yoghurt Chart	IP - 228		SP - 228		FET - 228	
Cold Drink Chart	IP - 229		SP - 229		FET - 229	
White Rice Chart	IP - 230		SP - 230		FET - 230	
Periodic Table Chart	IP - 231		SP - 231		FET - 231	
MISCELLANEOUS						
Sello tape	IP - 232		SP - 232		FET - 232	
Tubing	IP - 233		SP - 233		FET - 233	
Polystyrene balls	IP - 234		SP - 234		FET - 234	
Iron nails	IP - 235		SP - 235		FET - 235	
Paper clips	IP - 236		SP - 236		FET - 236	
Plasticene clay	IP - 237		SP - 237			
String	IP - 238		SP - 238		FET - 238	
Masking tape	IP - 239		SP - 239		FET - 239	
Dissecting set					FET - 240	
Trimming knife	IP - 241		SP - 241		FET - 241	
Filter paper	IP - 242		SP - 242		FET - 242	
Bamboo sticks	IP - 243		SP - 243		FET - 243	
Candles	IP - 244		SP - 244		FET - 244	
Cotton wool	IP - 245		SP - 245		FET - 245	
Sand paper	IP - 246		SP - 246		FET - 246	
Tooth picks	IP - 247		SP - 247		FET - 247	
Marbles	IP - 248		SP - 248			
Scissors	IP - 249		SP - 249		FET - 249	
Balloons	IP - 250		SP - 250		FET - 250	
Elastic bands	IP - 251		SP - 251		FET - 251	
Insulation tape	IP - 252		SP - 252		FET - 252	
White tile	IP - 253		SP - 253		FET - 253	
Wood strips	IP - 254		SP - 254		FET - 254	

EQUIPMENT	Code	Qty	Code	Qty	Code	Qty
Knives and forks	IP - 255		SP - 255		FET - 255	
Paper cups	IP - 256		SP - 256		FET - 256	
Aluminium foil	IP - 257		SP - 257		FET - 257	
White wood glue	IP - 258		SP - 258		FET - 258	
Matches	IP - 259		SP - 259		FET - 259	
Silicon tubing	IP - 260		SP - 260		FET - 260	
MANUALS						
Natural Science & Technology Learner Manual	IP - 261		SP - 261		FET - 261	
Natural Science & Technology Teacher Guide	IP - 262		SP - 262		FET - 262	
Natural Science Learner Manual	IP - 263		SP - 263		FET - 263	
Natural Science Teacher Guide	IP - 264		SP - 264		FET - 264	
Physical Science Learner Manual	IP - 265		SP - 265		FET - 265	
Physical Science Teacher Guide	IP - 266		SP - 266		FET - 266	
TOTAL NUMBER OF ITEMS						