

# GRADE 4-7 NATURAL SCIENCES AND TECHNOLOGY KIT

## LEARNER KITS

QTY	DESCRIPTION	
10	TEST TUBE RACK	
40	TEST TUBE 16X150MM	
10	TEST TUBE BRUSH – 12-16MM	
10	GLASS ROD 150mm	
10	50ML BEAKER BOROSCILLATE GLASS	
10	TEST TUBE HOLDER PEG 18CM	
10	SPIRIT LAMP 150 ML WITH PORCELAIN WICK HOLDER	
10	WIRE GAUZE WITH CERAMIC CENTRE 10CMX10CM	
10	TRIPOD STAND 100X160MM	
10	10ML MEASURING CYLINDER PLASTIC	
20	PLASTIC SPOONS	
10	DISH PETRI PLASTIC 60mm	
10	STOPPER 16MM 1 HOLE	
10	STOPPER 16MM SOLID	
10	50MM FUNNEL PLASTIC	
10	FILTER PAPER – 50MM PKT OF 20	
20	PIPETTE PLASTIC 3ML	
10	WATCH GLASS 50MM	
10	HAND LENS 50MM	
10	THERMOMETER SPIRIT -10 /110	
10	PLASTIC UTILITY TUB	

## ELECTRICITY

10	BULBS, 1.5v	
10	BULB HOLDERS, MES	
10	BUZZERS	
20	TORCH CELLS, AA SIZE	
20	CELL HOLDERS, AA SIZE	
10	SWITCHES PUSH	
1	TOGGLE SWITCH, SPDT	
20	LEADS, RED INSULATED, 300MM LENGTH,	
20	LEADS, BLACK INSULATED, 300MM LENGTH	
10	LEAD RED WITH CROC TO CROC CLIPS	
10	LEAD BLACK CROC TO CROC CLIPS	
5	LED RED	
5	LED GREEN	
10	BAR MAGNETS 75MM CHROME STEEL	
1	IRON FILINGS, 250g	
30	METERS INSULATED WIRE	

5	COMPASS PLOTTING	
1	COMPASS COLMAX 35MM	
1	MAGNET HORSESHOE 75MM	
30	IRON NAILS. 100MM	
1	UTILITY TUB FOR ELECTRICITY APPARATUS	
1	LID FOR UTILITY TUB	

### TEACHER CHEMISTRY APPARATUS

1	TEST-TUBE RACK, 6-HOLE, 24 MM	
6	TEST-TUBES, 24x150MM	
1	TEST-TUBE BRUSH TO FIT 24MM TEST TUBE	
1	TEST-TUBE HOLDER PEG 18CM	
3	BEAKERS, 250ml BOROSCILLATE GLASS	
1	BEAKER 600ML BOROSCILLATE GLASS	
1	GLASS ROD FOR STIRING 300MM	
1	EVAPORATING BASIN – PORCELAIN 75MM	
1	SPATULA SPOON STAINLESS STEEL 150MM	
1	SPIRIT LAMP 250ML WITH PORCELAIN WICK HOLDER	
1	TRIPOD STAND 110 X 200MM	
1	WIRE GAUZE WITH CERAMIC CENTRE 12.5 CM x 12.5CM	
2	MEASURING CYLINDER, 100ml PLASTIC	
2	RUBBER STOPPERS, SOLID 24MM FOR TEST TUBE	
1	RUBBER STOPPER, 1 HOLE 24MM FOR TEST TUBE	
1	PLASTIC FUNNEL, 75mm	
1	THERMOMETERS, SPIRIT, -10 to 110 <sup>0</sup> C – 300MM LENGTH	
2	DROPPER MEDICINE – GLASS WITH TEAT	
1	DELIVERY TUBE 500MM WITH METAL ELBOW	
1	FILTER PAPER, BOX 100 - 12.5 CM	
1	RETORT STAND WITH ROD - 200X125MM WITH 600MM ROD	
1	BOSSHEAD METAL	
1	RETORT CLAMP - 4 PRONG	
3	SIEVE	
3	PLANT POTS	
3	PLANT POT SAUCERS	
1	LIEBIG'S CONDENSER 300MM	
1	FLASK DISTILLATION 250ML	
1	STOPPER, RUBBER, 1-HOLE (to fit condenser)	
1	STOPPER RUBBER 1 HOLE TO FIT DISTILLATION FLASK	
1	METER TUBING 10MM FOR LIEBIG CONDENSOR	
1	TORCH	
1	MIRROR	
1	UTILITY TUB FOR TEACHER CHEMISTRY APPARATUS	
1	LID UTILITY TUB	

## TECHNOLOGY APPARATUS

10	2.5ML SYRINGE	
20	10ML SYRINGE	
10	METER PLASTIC TUBING 3MM	
10	CANDLES, CUT	
2	PLASTICINE 500G	
1	RUBBER BANDS - BOX DIFFERENT SIZE	
10	BALLOONS NO.8	
10	BALLOONS NO.9	
10	BALLOONS NO.11	
1	BALL OF STRING, THIN, 50g	
10	RULERS - 30CM	
1	ROLL COTTON WOOL 50G	
1	FISHING LINE - ROLL	
10	TAPE MEASURE – 1.5M	
2	DRINKING STRAWS, PKT 100	
1	PAPER CLIPS, BOX 100	
1	DRAWING PINS/TUMB TACKS BOX	
1	BOX TONGUE DEPRESSOR	
25	WOODEN DOWEL, 4x450mm,	
25	WOODSTRIP, 450x10x10mm	
20	RIGID ROD - PLASTIC	
40	GEARS – 10 OF EACH 75,45,30,15 TOOTH)	
4	ROLL CELLO TAPE	
2	ROLL MASKING TAPE	
20	CARDBOARD PROJECT A4	
20	CARDBOARD CORRUGATED	
1	PAPER FASTENERS, BOX100	
1	ROLL ALUMINIUM FOIL	
30	PULLEY PACK, ( 25MM,38MM,50MM 10 OF EACH)	
1	PKT 80 LINK STRIPS	
1	BOX MATCH	
1	BOX 100 OFFICE PINS	
1	UNIVERSAL SCISSORS	
40	WHEELS – 50MM	
20	PKT ICE CREAM STICKS	
1	NUTS, BOLTS AND WASHERS, 4x25mm, PKT	
1	UTILITY TUB FOR TECHNOLOGY APPARATUS	
1	LID FOR UTILITY TUB	

## CHEMICAL AND TECHNOLOGY APPARATUS

1	WAX BLOCK – 500G	
1	BOTTLE WOOD GLUE – 500g	
1	BOTTLE GLUCOSE	
1	BOTTLE STARCH	
1	IODINE SOLUTION, 100mL	
2	PKT YEAST	
1	PKT STEEL WOOL	
1	METHYLATED SPIRITS, 500ml	
2	PLASTER OF PARIS 500g	
1	BOTTLE 250G SUGAR	
1	BOTTLE 250G SALT - FINE	
1	BOTTLE 250G SALT - ROUGH	
5	LITMUS PAPER, RED, booklet 20 leaves	
5	LITMUS PAPER, BLUE, booklet 20 leaves	
1	POTASIMUM PERMANGANATE, 100g	
1	COPPER SULPHATE 100G	
1	FOOD COLOURING, 30ml bottle	
1	RADISH SEEDS PKT	
1	BOTTLE BEAN SEEDS	
1	VASELINE - BOTTLE	
1	UTILITY TUB FOR CHEMICALS	
1	UTILITY TUB LID	

1	ACTIVITY GUIDE GRADE 4-7	
1	CHART PERIODIC	
1	MODEL SOLAR SYSTEM – ELECTRIC VOCAL FUNCTION	
1	WORLD GLOBE – WITH METAL STAND	

1	METAL CABINET	
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