

LIST OF LABORATORY EQUIPMENT TO BE SUPPLIED TO GOVT. SEC. SCHOOLS IN THE DISTRICT DURING 2010-11

S. No	Name of the Item	Quantity / remarksrequired	Quantity
1	MAGNESIUM	SCIENTIFIC CHEMICALS, CHENNAI - 3	25 GM
2	ZINC	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
3	ALUMINIUM	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
4	CARBON	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
5	COPPER	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
6	IRON POWDER	SCIENTIFIC CHEMICALS, CHENNAI - 3	200 GM
7	LEAD MONOXIDE	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
8	AMMONIUM CHLORIDE	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
9	ZINC OXIDE	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
10	COPPER SULPHATE	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
11	LEAD NITRATE	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
12	POTASSIUM IODIDE	SCIENTIFIC CHEMICALS, CHENNAI - 3	25 GM
13	SULPHUR	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
14	MERCURIC OXIDE	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
15	CALCIUM CARBONATE	SCIENTIFIC CHEMICALS, CHENNAI - 3	500 GM
16	HYDROCHLORIC ACID	SCIENTIFIC CHEMICALS, CHENNAI - 3	500 ML
17	SULPHURIC ACID	SCIENTIFIC CHEMICALS, CHENNAI - 3	500 ML
18	NITRIC ACID	SCIENTIFIC CHEMICALS, CHENNAI - 3	500 ML
19	POTASSIUM HYDROXIDE	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
20	SODIUM HYDROXIDE	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
21	LITMUS PAPER BLUE	SCIENTIFIC CHEMICALS, CHENNAI - 3	12 PKTS
22	POTASSIUM DICHROMATE	SCIENTIFIC CHEMICALS, CHENNAI - 3	1 KG
23	TURPENTINE	SCIENTIFIC CHEMICALS, CHENNAI - 3	1 CAN
24	ALCOHOL	SCIENTIFIC CHEMICALS, CHENNAI - 3	2 LITS
25	GLYCERINE	SCIENTIFIC CHEMICALS, CHENNAI - 3	50 GM
26	AMMONIUM HYDROXIDE	SCIENTIFIC CHEMICALS, CHENNAI - 3	500 GM
27	WASHING POWDER	SCIENTIFIC CHEMICALS, CHENNAI - 3	100 GM
28	AMMONIUM NITRATE	SCIENTIFIC CHEMICALS, CHENNAI - 3	454 GM
29	AMMONIUM SULPHATE	SCIENTIFIC CHEMICALS, CHENNAI - 3	454 GM

30	SUPER PHOSPHATE OF LIME	SCIENTIFIC CHEMICALS, CHENNAI - 3	454 GM
31	CALCIUM SULPHATE	SCIENTIFIC CHEMICALS, CHENNAI - 3	454 GM
32	MERCURY	SCIENTIFIC CHEMICALS, CHENNAI - 3	454 GM
33	MAGNESIUM SULPHATE	SCIENTIFIC CHEMICALS, CHENNAI - 3	454 GM
34	MAGNESIUM CHLORIDE	SCIENTIFIC CHEMICALS, CHENNAI - 3	454 GM
35	SULPHUR	SCIENTIFIC CHEMICALS, CHENNAI - 3	500 GM
36	POTASSIUM CHLORIDE	SCIENTIFIC CHEMICALS, CHENNAI - 3	500 GM
37	RED PHOSPHOROUS	SCIENTIFIC CHEMICALS, CHENNAI - 3	250 GM
38	SODIUM HYDROXIDE	SCIENTIFIC CHEMICALS, CHENNAI - 3	25 GM
39	WHITE PHOSPHOROUS	SCIENTIFIC CHEMICALS, CHENNAI - 3	25 GM
40	IODINE 25 GMS	SCIENTIFIC CHEMICALS, CHENNAI - 3	1
41	LITMUS PAPER RED	SCIENTIFIC CHEMICALS, CHENNAI - 3	12 PKTS

LIST OF LABORATORY EQUIPMENT TO BE SUPPLIED TO GOVT. SEC. SCHOOLS IN THE DISTRICT
DURING 2010-11

S. No	Name of the Item	Quantity / remarks required	Quantity
1	CHART: SYMBOLS OF ELEMENTS	C - LD FOAM	1
2	CHART: FORMULA OF COMPOUNDS	C - LD FOAM	1
3	CHART: K.E.&P.E. & INTERCONVERSION	C - LD FOAM	1
4	CHART: SOURCE OF NOISE POLLUTION & HAZARDS	C - LD FOAM	1
5	CHART: PRODUCTION, PROPAGATION OF SOUND & ECHO		
6	CHART: PARTS OF PRIMARY CELL	C - LD FOAM	1
7	CHART: EFFECTS OF ELECTRIC CURRENT		
8	CHART: SCIENTISTS INDIAN & FOREIGN	C - LD FOAM	1
9	CHART: SUPPLY OF DRINKING WATER IN TOWNS	C - LD FOAM	1
10	CHART: WHETHER INSTRUMENTS		
11	CHART SHOWING DIFFERENT TYPE OF MECHANICAL WORK	C - LD FOAM	1
12	CHART SHOWING DIFFERENT FORMS OF ENERGY	C - LD FOAM	1
13	CHART SHOWING RENEWABLE & NON RENEWABLE SOURCES	C - LD FOAM	1
14	CHART SHOWING THREE STATES OF MATTER	C - LD FOAM	1
15	CATHODE RAYUS PRODUCTION & PROPERTION (CHART)	C - LD FOAM	1
16	X RAYS PRODUCTION, PREPARATION AND USES (CHART)	C - LD FOAM	1
17	APPLICATION OF CONCAVE AND CONVEX MIRROR IN DAILY LIFE (C	C - LD FOAM	1
18	PROPAGATION OR SOUND THROUGH AIR (CHART)	C - LD FOAM	1
19	LAWS OF REFRACTION (CHART)	C - LD FOAM	1
20	REFRACTION THROUGH LENCES	C - LD FOAM	1
21	REFRACTION THROUGH MIRRORS	C - LD FOAM	1
22	ELECTRIC CIRCUITS	C - LD FOAM	1
23	VARATION OF ATMOSPHERE	C - LD FOAM	1
24	INDIAN SCIENTISTS	C- LD FORM	1
25	GREAT SCIENTISTS	C - LD FOAM	1
26	AGRICULTURAL TOOLS	C- LD FORM	1
27	APPLICATION OF LAWS OF REFLECTION (CHART)		
28	CHART - LONGFORM PERODIE TABLE	C - LD FOAM	1
29	CHART- SHAPES OF S.P.D. ORBITAL	C - LD FOAM	1

**LIST OF LABORATORY EQUIPMENT TO BE SUPPLIED TO GOVT. SEC. SCHOOLS IN THE DISTRICT
DURING 2010-11**

S. No	Name of the Item	Quantity / remarksrequired	Quantity
1	WORKSHOP TOOL KIT	LOCAL	1
2	STETHOSCOPE	KONICA	1
3	BALL & RING APPARATUS	EDISION (BROS)	1
4	STANDS WITH CLAMP	LOCAL	2
5	WIRE GAUZES	LOCAL	2
6	TRIPODS	LOCAL	2
7	INCLINED MIRROR APPARATUS	EDISION (BROS)	1
8	TUNING FORK (SET (256,384,512 FREQUENCY)	EDISION (BROS)	1 SET
9	LECLANCHE CELL	VISHNU INDUSTRIES	1
10	RUBBER HAMMER	LOCAL	1
11	ELECTRO MAGNET	LOCAL	1
12	CONDUCTION APPARATUS	NOVA	1
13	HARD GLASS TEST TUBES	BOROSILICATE	12
14	GAS COLLECTING JARS	LOCAL	12
15	LIDS	LOCAL	12
16	PLASTIC TROUGHS	LOCAL	12
17	DELIVERY TUBE OF ASSORTED SIZES	LOCAL	1 KG
18	A. NARROW MOUTHED	LOCAL	24 (250 ML)
19	B. WIDE MOUTHED REAGENT BOTTLES	LOCAL	12 (250 ML)
20	RUBBER BALL 3" DIA	LOCAL	1
21	CROCODILE PINS	BELL	24
22	CONNECTING WIRE	LOCAL	1 ROLL
23	PINS	BELL	1 BOX
24	A)ONE HOLED	LOCAL	24
25	B)TWO HOLED	LOCAL	24
26	ROUND BOTTON FLASK (250 ML)	BOROSILICATE	12
27	TEST TUBES	BOROSILICATE	12
28	HARD GALSS	BOROSILICATE	12
29	BEAKERS 100ML	LOCAL	12
30	WATCH GLASS	LOCAL	12
31	METRE SCALES	LOCAL	2
32	BURETTE	BOROSILICATE	2
33	MEASURING JARS 0-100 ML	BOROSILICATE	1
34	0-250 ML	BOROSILICATE	1
35	0-500 ML	BOROSILICATE	1
36	IRON BOBS (2 CM DIA)	LOCAL	2
37	CHINA DISHES	LOCAL	2
38	SLOTTED WEIGHTS (1 SET)	LOCAL	1 SET
39	1.SPRING BALANCE 0 - 100 GM	E SAL	2
40	2.SPRING BALANCE 0 - 500 GM	E SAL	2
41	3.SPRING BALANCE 0 - 1000 GM	E SAL	1
42	NUT CRACKER	LOCAL	1
43	FORCEPS	LOCAL	1
44	PAIR OF TONGS	LOCAL	1
45	PULLY	LOCAL	2
46	WHEEL & AXLE	WOODEN	1
47	HALF METER SCALAR	LOCAL	6
48	PUNNELS (3" DIA)	LOCAL	12
49	BEAKER 50 ML	BOROSILICATE	12
50	MAGNIFYING GLASS (6" DIA)	BIG LOCAL	1
51	1. THERMO METER CENTIGRADE	OM SAW	1
52	2. THERMO METER FAHRENHEIT	OM SAW	1
53	3. THERMO METER CLINICAL	LIFE CAN MMB DOCTOR	1
54	INFLATOR	OM SAW	3
55	VERUIER CALLIPERS	LIFE CAN MMB DOCTOR	2
56	DEMONSTRATION MODEL - (WOODEN)	LOCAL	2
57	SCREW GAUGES	EDISION (BROS)	2
58	PENDULUM BABS 9RADI - 2 CM)	LOCAL	2
59	STANDS	STAINLESS STEEL LOCAL 25G	1
60	GLOBE (MODEL) - 30 CMS	LOCAL	2
61	TELESCOPE 9OPEN MODEL)	LOCAL	2
62	CANCAVE LENS F=10CM	LAMONATED	2
63	GLASS RODS	LOCAL	2
64	BAR MAGNETS	LOCAL	2
65	HORSE SHOE MAGNETS	LOCAL	2
66	PLOTTING COMPASS	ESAL	1
67	DRAWING BOARD	LOCAL	1
68	ELECTRIC TESTERS	CAMY	2
69	CALORIMETERS	LOCAL	2
70	STOP CLOCK	EDISION (BROS)	1
71	CONVEX LENS OF FECAL LENGTHS 20CM	LOCAL	1
72	Z' TYPE PULLYS	LOCAL IRON	2

73	SIMPLE ELECTRIC MOTORS WORKING ON DRY CELLS	EDISION (BROS)	1
74	SLOTTED WEIGHTS (1 SET OF CAPACITY)	LOCAL	2
75	SPRING BALANCES (0 - 500 GMS	ESAL	2
76	SPRING BALANCES 0 - 100 GRAMS	ESAL	2
77	SPRING BALANCES (0 - 250 GMS)	ESAL	2
78	SCREW JACK (MODEL)	LOCAL	1
79	FLAT BOTTOMED TEST TUBE FLASK	BOROSILICATE	2
80	OVER FLOW JARS	LOCAL PLASTIC	2
81	VOLT METER, AMMETER, TABLE GALVANO METER, REHO STAT, TRANS FORMER,- RESISTANCE BOX (EACH ONE) TANGENT GALVOMETER	EDISION (BROS)	7
82	BUNSEN BURNERS WITH STAND	LOCAL IRON	1
83	PENDULUM BOBS OF DIFFERENT MASNES (RADIUS 1CM, BRASS)	LOCAL	1 SET
84	LAWS OF SIMPLE PENDULUM: PENDULUMBEBBS (IRON, BRASS)	LOCAL	6 SETS
85	GLASS SLAB MEDIUM SIZE	LOCAL	2
86	MAGNETIC NOCEDLE	LOCAL	2
87	ELECTRIC BELL	LOCAL	1
88	BATTERY ELEMENATOR (12 VOLTS)	LOCAL	2
89	SOLDERING	TRIPP	2
90	PLUG KEY	LOCAL	2
91	COPPER STRIPS	LOCAL	6 PIE
92	ZINCH STRINGS	LOCAL	6
93	PASCALS LAW APPARATUS (PLASTIC MODEL) (TRANSFERENT)	LOCAL	2
94	HACKSAW BLADES	LOCAL	2
95	SPHERES OF DIFFERENT MASSES (IRON)	LOCAL	3
96	BLOCK BOARD INSTRUMENTS IN A BOX	SWASTIC	1
97	HALF METER SCALAR	LOCAL	6
98	BURETTE (50ML) WITH STOP COCK	BOROSILICATE	6
99	PIPETTES 10ML, 20ML	BOROSILICATE	6
100	HARD GLASS TEST (6"x 1")	BOROSILICATE	1
101	BEAKERS - 500 ML	BOROSILICATE	6
102	BEAKERS - 250 ML	BOROSILICATE	6
103	BEAKERS - 100 ML	BOROSILICATE	6
104	RETORT STANDS WITH CLAMPS	LOCAL	6
105	CONICAL FLASK 100ML; PARCELLING PLATE,	BOROSILICATE	6
106	BLUE LITMAS PAPERS	RAINBOW	6
107	RED LITMAS PAPERS	RAINBOW	6
108	P.H. PAPERS	UNIVERSAL	12
109	A. 500 MM DIAS	LOCAL	2
110	B. 200 MM DIAS	LOCAL	2
111	LID FOR GAS COLLECTING JAR,	LOCAL	2
112	GRAPH ROLLUP (BLOCK BORAD)	LOCAL	1
113	BLOW PIPE	LOCAL	1
114	TEST TUBES ORDINARY	LOCAL	2 DOZN
115	DESECTION BOX	LOCAL	1
117	Specimen Collecting jar (plastic)		4
118	Watch Glass		30
119	Gas jar		1
120	Forceps		4
121	Desection box (Sainik)		2
122	Choroform 250 Gms		1
123	Formaidhyde 250 GMS		1
124	Glysarine 50 ML		1
125	KOL Solution 100 ML		1
126	AlchoHol 500 ML (Surgical)		1
	Models		
127	Model of LH of Frog		1
128	Model of Frog		1
129	Model of Heart		1
130	Resporatory System of Model		1
131	Model of Human Brain		1
132	human Cirulatory System (Model)		1
133	Human kidney Model		1
134	Eye Model		1
135	Ear Model		1
136	Digestive System Model		1
137	Excretory System Model		1
138	Forceps		1
139	Discession Trays		1
140	Discession Boards		1
141	Student Micro Scope (ml-6 Edison)		1