



Shanthi Charitable Trust ®

SCT COLLEGE OF EDUCATION (B. Ed)

(Approved by NCTE New Delhi, Affiliated to Bangalore North University)

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PHYSICAL LABORATORY

LIST OF APPARATUS

Sl. No	Name of the Apparatus	Added Quantity
1	Telescope	01
2	Tuning fork reset	01
3	Solar Eclipse	01
4	Lunar Eclipse	01
5	Solar System	01
6	Galvano meter	01
7	Microscopes	01
8	Vernier Calipers	01
9	Newton's 1 st Law Apparatus	01
10	Newton's 2 nd Law Apparatus	01
11	Newton's 3 rd Law Apparatus	01
12	Convex lens	02
13	Concave lens	02
14	Magnet 50mm	02 Pairs
15	Prism	02
16	Spring balance	01
17	Single stand wire	02
18	L shaped stand	01
19	Voltmeter 5 V MR 100	01
20	P-N Junction Diode Apparatus	01
21	Electromagnets	01
22	Bar Magnets	01
23	Glass Prism	01
24	Ammeter	01
25	Voltmeter	01
26	Magnifying glass	01
27	Stop watch	01
28	Compass	01
29	Electric bell	01
30	Mirror	01

LIST OF CHEMICALS

Sl. No	Particulars	Added Quantity
1	Glycerin	01 bottle
2	Acetic acid	01 bottle
3	Potassium	01 bottle
4	Alcohol 40%	01 bottle
5	Sodium chloride	01 bottle
6	Ammonia	01 bottle
7	Manganese	01 bottle

BIOLOGY LABORATORY

LIST OF MATERIALS & LIST OF CHARTS

Sl. No	Particulars	Added Quantity
1	Water cycle	01
2	Carbon cycle	01
3	Structure Flower	01
4	Stem TS	01
5	LS kidney	01
6	Circulation of blood	01
7	Typical Plant cell	01
8	Human Circulatory System	01
9	Slides	01
10	Electronic Microscopes	01
11	Human Kidney Model	01
12	Dissection box & Tray	01
13	Specimen cell	01
14	Bacteria board	01
15	Animal cell model	01

CHEMISTRY LABORATORY LIST OF EQUIPMENTS AND CHEMICALS

Sl. No	Particulars	Added Quantity
1	Ammonium chloride	500gms
2	Lead acetate rehydrate	500gms
3	Silver Nitrate	250ml
4	Conc. Nitric acid	250ml
5	Conc. Sulphuric Acid	500ml
6	Conc. Hydrochloric Acid	500ml
7	Blue Litmus paper	01 Pack
8	Red Litmus paper	01 pack
9	Glycerin	01 bottle
10	Test tubes	50
11	Tripod stand	05
12	Round Bottom flask	05
13	Wire gauge	05
14	Sprit Lamp	05
15	Funnel	05
16	Filter paper	01 pack

LANGUGE LAB

Sl. No	Particulars	Added quantity
1	Wireless Receiver & Cassette Recorder	01
2	Cordless Multimedia Head phone	10
3	Mikes	04
4	LCD Projector & Remote	01
5	Rechargeable Batteries	02
6	Power Extension socket	01
7	Language Teaching books	01
8	English pronunciation in use book with CD	01

LIST OF APPARATUS AND GLASSWARE

Sl.No	Particulars	Added Quantity
1	Conical flask 250ml	01
2	Glass beaker 500ml	01
3	Rubber cork	01
4	Test tubes	01
5	Round bottomed flask 250ml	01
6	Distillation flask 250ml	01
7	Thermometer	01
8	Test- Tube	12
9	Cover Slips	02 packets
10	Slides	12
11	Beakers (Big)	02
12	Beakers (small)	02
13	Plastic Bucket	01
14	Filter paper	02 packets
15	Borosil Test tube 15X125 cm	06
16	Petridish 100mm (plastic)	02 (china clay)
17	Razor Blade	02
18	Dissecting microscope	01
19	Reagent bottle	01

SOCIAL SCIENCE LAB

Sl. No	Particulars	Added quantity
1	Globe	02
2	Atlas	02
3	National Leaders Photo	01
4	Physical & Political Maps of India	01
5	World Political map	01
6	World Physical map	01
7	British Empire in India	01
8	Asia Continent map	01
9	North America Map	01
10	South America Map	01
11	European country map	01
12	Historical building chart	01
13	Water Pollution chart	01
14	Earth & its Motion Map	01
15	Karnataka Physical & Political Map	01
16	Flags of all Nations chart	01
17	Temples of India chart	01
18	Weather Instrument chart	01
19	Model of Parliament	01
20	Constitution Article books	01

MATHEMATICS LAB

Sl.No	Particulars	Added Quantity
1	Number system 50 x 75 cm chart	01
2	Algebra & Definition formula 50 x 75 cm chart	01
3	Quadrilateral 50 x 75 cm chart	01
4	Triangles 50 x 75 cm chart	01
5	Congruent Triangles 50 x 75 cm chart	01
6	Properties of circles 50 x 75 cm chart	01
7	Some Geometrical concepts 50 x 75 cm map	01
8	Addition of rational numbers 50 x 75 cm map	01
9	Circle 50 x 75 cm chart	01
10	Profit & Laws 50 x 75 cm chart	01
11	Angles 50 x 75 cm chart	01
12	Multiplication of rational numbers 50 x 75 cm chart	01
13	Pair of Angles 50 x 75 cm chart	01
14	Measurement kit	01
15	Drawing model set of 12, 10 x 15 cm	01
16	Clinometer compass	01
17	Trangram Plastic set of 4 pcs	01
18	Drawing Instrument	08
19	Weighing & Measuring Instrument	03
20	Surveying Instrument	03
21	Computing Devices	01
22	Concrete Materials	08
23	Measuring tape 30mtrs metal	01
24	Parallelogram kit	01
25	Geo board circle	01

EDUCATION PSYCHOLOGY LAB

Sl.No	Particulars	Added Quantity
1	Mirror Drawing board	02
2	Tachistoscope Syllable Words	01
3	Inventory book let	01
4	Non Verbal group Intelligence test booklet	01
5	Bells adjustment inventory booklet	01
6	Miles step Maze with counter and styles	01
7	Direct observation of Picture with Question	01
8	Tachistoscope with cards	01
9	Division of Attention of board with a set of Impulse Counter	01
10	Set of Cards for Concept formation	01
11	Word cards, Stop clock for Recall & Recognition	01
12	3 List of words, Stop clock for Effects of & Retention	01
13	Size & Weight Illusion box (22 Weights) with manual	01
14	Human Maze Learning pointed with manual	01
15	Paired Associated learning D S Janbandhu	1 Set
16	Verbal Conditioning D S Janbandhu	1 set

PHYSICAL EDUCATION

Sl.No	Particulars	Added Quantity
1	Dumb bell	10 pairs
2	Cricket bat	02
3	Cricket Pad	12
4	Helmet	02
5	Hand Gloves	04
6	Cricket ball	02
7	Volley ball	04
8	Foot ball	03
9	Chess board	02
10	Chess coin	02
11	Carom board	02
12	Carom coins	02 set
13	Skipping ropes	12
14	Discuss throw	02
15	Lopper plate	05

ICT LAB

Sl.No	Particulars	Added Quantity
1	Overhead projector	02
2	Projector screen	02
3	EDU Satellite	01
4	Computers	30
5	Printer	02
6	Internet connection	02
7	Educational CD's	20
8	Color Television	01
9	VCR / VCP	01
10	Video Camera	01
11	Camera	01
12	Tape Recorder	01
13	Radio	01
14	C D Player	01
15	Video Cassettes	15
16	Audio System	01
17	Slide Projector	01
18	Slides	01
19	Transparencies Sheet	50
20	Educational Audio Cassettes	30