

INFRASTRUCTURE:

<u>DESCRIPTIONS</u>	<u>QUANTITY</u>	<u>AREA IN SQ MTRS</u>
i. CLASSROOM	4	2X112 sqm. 2X61.78 sqm.
ii. MULTIPURPOSE HALL	1	112 sqm.
iii. LIBRARY CUM RESOURCE CENTRE	1	
iv. CURRICULUM LABIRATORY(WITH SCIENCE & MATHS KITS, MAPS,GLOBES, CHEMICALS, SCIENCE KITS, etc.)	1	27.68 sqm.
v. COMPUTER LAB./ ICT Lab.	1	74.32 sqm.
vi. ARTS AND CRAFT RESOURCE CENTRE.	1	27.68 sqm.
vii. HEALTH AND PHYSICAL EDUCATION RESOURCE CENTRE.	1	27.68 sqm.
viii. PRINCIPAL'S OFFICE.	1	37 sqm.
ix. STAFF ROOM.	1	61 sqm.
x. ADMINISTRATIVE OFFICE.	1	61 sqm.
xi. STORE ROOMS.	3	
xii. COMMON ROOMS.	2	27.68 sqm.
xiii. CANTEEN.	1	27.68 sqm.
xiv. VISITOR'S ROOM.	1	27.68 sqm.
xv. SEPARATE TOILET FACILITY.	7	5X30 sqm. 2X15 sqm.
xvi. PARKING SPACE.	1	41 sqm
xvii. OPEN SPACE FOR LAWNS, GARDENING ACTIVITIES, ETC.	1	100 sqm.
xviii. MULTIPURPOSE PLAYFIELD	1	2800 sqm.
xix. SMART CLASS ROOM	1	112 sqm.
xx. BOYS STUDENT HOSTEL(30 Seat)	1	160 sqm.
xxi. HOSTEL ATTACHED KITCHEN	1	160 sqm.
xxii. DRINKING WATER FACILITY WITH RO & WATER COOLER	1	
xxiii. DRINKING WATER FACILITY WITH UV & UF	2	

INSTRUCTIONAL

(a). LIBRARY : Like any other educational institute we have a library in our institution. Of course we face certain difficulties as we don't have sanctioned librarian to adequately manage and run the library. In spite of that we try to run the library with the help of faculties to provide library resources to the trainees. The library contains several content books, methods book, and reference book as well as some fictional and non-fictional books. We have dedicated session for library work when the students can access the library resources.

- i. BOOKS, JOURNALS AND MAGAZINES.
- ii. CHILDREN'S BOOKS

(b). SCIENCE & MATHEMATICS LABORATORY: In science laboratory we have four sections i.e. 1. Physical science, 2. Chemistry. 3. Biology.4. Mathematics. All the laboratories are well equipped with various tools and instruments in order to perform the experimental activities mentioned in the curriculum. In these laboratories we have instrument related to basic optical experiments, basic heat experiments, and basic chemical experiments. We also have high power compound microscope to perform various biological experiments. We also have dedicated laboratory for science. We provide various geometric models and instruments to meet the requirements of students as well as faculty. We also provide basic calculation and statistical software like MS Office Excel in order to performing mathematical skill. We also have art and craft teacher who can also guide our trainees to make LTM of mathematics.

Science Lab Items items

Sl. No	Items/Description/Perticulars	Qty.
1	OLYMPUS ORIGINAL - HSA : STUDENT MICROSCOPE, Monocular.	1
2	Dissecting Instrument Box, Good	3
3	Hand Lens 2.5" - Brass parts	6
4	Dissecting Paraffin Tray 10"*12"	5
5	Dissecting Needle, plastic handle	12
6	PREPARED Slide, common- good (Chennai / craft)	20
7	Slide of Mitosis set -Better.	1
8	lide of Meiosis set -Better	1
9	Slide of Amoeba -Better qty.	1
10	Slide of Plasmodium -Better qty.	1
11	Slide of Paramoeciium -Better qty.	1
12	Human Skeleton, Full Sz, FIBRE-Deluxe	1
13	Model- DNA, Big- Fibre made	1
14	Model- RNA, Big- Fibre made	1
15	Model- MITOSIS, Big- Fibre made	1
16	Model- MEIOSIS, Big- Fibre made	1
17	Model - Human Brain with Arteries, [Indian 4 parts]	1
18	Pumping Heart, 3-D working plastic heart model, Imported with manual	1
19	Model of Human Eye with orbit, Big-Indian.	1
20	Ear Model, [Indian Big]	1
21	Human Kidney with Adrenal Gland, [Indian]	1
22	Charts on Biology, Science & Technology Series, 58*90cm, Superior. 1)Plant/Animal Cell (2)Plant/Animal Kingdom	26

	(3)Plant/Animal Cell Mitosis or Meiosis (4)Plant/Animal Tissues (5)Types of Leaves (6)L.H. of Frog (7)Malaria Parasite (8)Amoeba (9)Protozoa (10)The Cell Theory (11)DNA / RNA (12)Animal Cell (13)Photosynthesis (14) Monocot Stem/Root (15) Dicot Root/Stem (16)The Seed:Structure & Germination (17) T.S. Leaf (18) Fungi (19)Algae (20)Viruses (21)Bacteria (22)L.H. of Mosquito (23)Root/Stem Modification (24)Pollination (25)Structure of flower (26)Double Fertilization	
23	Charts on Evolution 70*100cm, Polyart (Synthetic) .	1
24	Biological preserved specimen (common)	1
25	Screw Gauge 25mm, STEEL / BRASS in box.	1
26	Drawing Board, full imperial, 18"*12", Natural Wood, super.	5
27	Prism 50*50mm, English Glass, 1st Qlty	3
28	Prism Right Angle, 50*50mm, 1st Qlty.	3
29	Glass Slab, Eng. Glass,1st Qlty. 100*60*18mm	3
30	Bar Magnet , Alnico 2" strong	10
31	Horse Shoe Magnet , ALNICO 2"strong	5
32	Ring & Ball on Stand, Brass parts	1
33	Spring Balance Acrylic, 500gm	2
34	Pith Ball Pendulam	3
35	Stop Watch, Digital, Racer	1
36	Boyle's Law App. Heavy Body & Base, Borosilicate Glass tu be. (w/o Mercury)	1
37	Lever apparatus with stand, Deluxe Qlty. (Weight Extra)	1
38	Physical Balance- Double Door (VENERAS / K.Roy make),Better Qlty.	2
39	Physical Weight box- BRASS , 1gm to 100gm (SET)	2
40	Pin Hole Camera , Metal 4"*4"*6",Deluxe	1
41	Barlow's wheel, Deluxe quality.	1
42	BELL JAR, GLASS 8"*4"	1
43	Thistle funnel, Glass	5
44	Funnel Neutral Glass ,4", Polylab	5
45	Dropper 6" with tit	15
46	Laboratory Tray, Polylab 375*300*75mm	2
47	Utility Tray / Carrier Tray, Polylab 380*240*115mm	1
48	Filter Paper, Good, 12.5cm	5
49	Litmus Paper Red / Pkt	5
50	Litmus Paper Blue / Pkt	5
51	Universal PH paper 1-14 / Pkt	5
52	Test Tube washing brush- Better Quality	8
53	Test Tube Holder, Brass, Better	10
54	Test Tube Stand (3-tier), Round-Polylab	3
55	Test Tube - Borosilicate ,[5*5/8]	50
56	Wash bottle 250ml, Polylab	5
57	BEAKER, 100ml, Borosil®	5
58	BEAKER, 250ml, Borosil®	4
59	BEAKER, 500ml, Borosil®	2
60	BEAKER, 1000ml, Borosil®	1
61	Conical Flask , 100ml, Borosil®	5
62	Conical Flask , 250ml, Borosil®	4

63	Conical Flask, 500ml, Borosil®	2
64	Conical Flask, 1000ml, Borosil®	1
65	Measuring Cylinder, 25ml, POLYLAB	2
66	Measuring Cylinder, 50ml, POLYLAB	4
67	Measuring Cylinder, 100ml, POLYLAB	4
68	Measuring Cylinder, 250ml, POLYLAB	4
69	Measuring Cylinder, 500ml, POLYLAB	2
70	Measuring Cylinder, 1000ml, POLYLAB	2
71	Tripod stand 8"	5
72	Funnel Holder- Iron	3
73	Spirit Lamp -Glass 125ml	5
74	Periodic Table Chart,100*70cm, Synthetic	1
75	Charts on Chemistry,(58*90cm) different topic	5
76	Chart- Laboratory First aid - Polyart	1
77	Chart- Laboratory Safety - Polyart	1
78	Chart- Laboratory Technique - Polyart	1
79	Atomic Model Set	1
80	Crystal Model of NaCl, Polylab	1
81	Crystal Model of Graphite, Polylab	1
82	Crystal Model of Diamond, Polylab	1
83	BAROMETER WITH COVER	1
84	WALL THERMOMETER	1
85	MAGNETIC COMPASS	2
86	VERNIER SCALE	1
87	SLIDE CALIPER SCALE	1
88	TELESCOPE	1
89	PERISCOPE	1
90	COMPOUND MICROSCOPE	1
91	BINOCULAR	1
92	MAGNIFYING GLASS	2
93	NEWTON's COLOUR DISK	1
94	STOP WATCH	1
95	ELECTRIC BELL	1
96	VARIOUS GEOMETRIC MODELS	
97	VARIOUS GEOMETRIC INSTRUMENTS	
98	CALCULATION SOFTWARE	
99	MATHEMATICS CHARTS	

(c). SOCIAL SCIENCE LABORATORY: Social science is a more practical subjects in modern days so we have various models, chart, maps, globe and other geographical instruments to meet the needs of students and faculty. The instruments like magnetic compass, binocular and barometer can be used in various field studies of geography. We have telescope and binocular in order to observe basic astronomical objects. The maps and models can be used in the history classes as well as geography classes. We generally organize educational excursion to historically and geographically important places every year.

Social Science Lab items

Sl. No	Items/Description/Particulars	Qty.
1	Phases of The Moon Apparatus [Electrically operated]	1
2	Day & Night Apparatus [Electrically operated]	1
3	Solar & Lunar Eclipses apparatus	1
4	Earth Layer Model on stand dia 20cm	1

5	Wall Maps-Large size, India Physical(Laminated)	1
6	Wall Maps-Large size, India Political(Laminated)	1
7	Wall Maps-Large size, World Physical(Laminated)	1
8	Wall Maps-Large size, World Political(Laminated)	1
9	Model of Solar System [Imported, Automatic rotation]	1
10	Wind vane Apparatus, Large Size- Better Qty.	1
11	Chart on Indian History, Laminated (Set of 22pc)	1
12	Chart- struggle for Indian freedom history (Set of 15pc)	1
13	Chart-Indian Civilization, Laminated (Set of 10pc)	1
14	Chart-Ancient Civilization, Laminated (Set of 9pc)	1
15	3D-Geographical Charts / Relief Map: Volcano, Earthquake, Fold & Faults, Air-Water Pollution, Water Cycle, Interior of the Earth, Ground Water, Cycle of Erosion, Formation of rocks, Story of earth, Conventional signs	1
16	Weather Maps of India- Synthetic , Better Qty. [set of 12pc]	1
17	Charts of Man & Environment Series (Set of 10pc), Laminated	1
18	Charts of Astronomical science (Set of 12pc), Laminated	1
19	Geographical Outline Maps , West Bengal	1
20	Wall Maps-Large size, West Bengal Physical(Laminated)	1
21	Wall Maps-Large size, West Bengal Political(Laminated)	1

(d). LANGUAGE LABORATORY: In language classes the teacher educators always focus on developing the communication skills of the trainees. We take the help of various multimedia like digital projector, DVD player etc. to demonstrate accuracy in pronunciation, accents and eloquence. We also frequently organize debates, group discussions, quizzes, extempore, drama and role playing to develop the linguistic competence of the trainees. We have adequate reference books both in Bengali and English to help the learners to acquire linguistic and literary competence beyond syllabus.

Language Lab items

Sl. No	Items/Description/Particulars	Qty.
1	CHART ON ENGLISH TEACHING (SET OF 16pc SET)	1
2	CHART ON ENGLISH COMPOSITION (SET OF 12pc SET)	1
3	CHART - ENGLISH GRAMMAR THROUGH PICTURES (SET OF 20pc SET)	1
4	CHART - DIRECT & INDIRECT SPEECH (SET OF 12pc SET)	1
5	CHART – ACTIVE & PASSIVE VOICE (SET OF 10pcn SET)	1
6	CHART ON SYNTHESIS OF SENTENCE (SET OF 10pc SET)	1

(e). ART & CRAFT LABORATORY: We have different musical instruments like Harmonium, Tabla which are made available to the trainees for regular practice and performances. An exhibition on creative and productive art is organizer in every year to exhibit the creative and productive work done by a trainee throughout the year. Every observation day like Republic day, Independence Day, Gandhi's birthday, Tagore's birthday is celebrated by various cultural performances from trainees under the supervision of faculty. We assist the trainees throughout the session in various craft activity.

Art & Craft Lab items

Sl. No	Items/Description/Particulars	Qty.
1	Harmonium (2/3 set reed, 3.5 octave, 7 fold bellow, 9 stopper, 42 keys & non scale changer.	3
2	A1 Tabla (9.5+5.5, Wooden Copper)	2
3	Monjira (5.51X4.33X1.73), Weight – 0.73lb	1
4	Dhol (Standard)	1
5	Nall (Standard)	1
6	Maracas (Large)	1
7	Bell(Brass)	1
8	Mount Board	20
9	Various art & craft Items	

(f). SPORTS AND PHYSICAL EDUCATION LABORATORY: The health and physical education resources help our trainees to develop their physical health and fitness as well as sportsmanship and leadership quality. We have arrangements and equipments for various indoor and outdoor games and sports. We have also dedicated regular session for sports and games guided by well qualified faculty. We also provide multipurpose play ground to the trainee. Our trainees get their first aid training from qualified faculty regularly. We organize a 'BRATACHARI' camp every year to enhance activity based physical education.

Sports & Physical Education Lab items

Sl. No.	Items/Description/Particulars	Qty.
1	Table Tennis Board (2740X1525X760 M), Board Thickness – 18mm, Base Frame Size 23X17 mm, Leg size- 25mmX25mm, Colour blue, Laminated, Steel Base Frame & Construction of 2 wheels with lock and 6 wheels without lock.	1
	Carom (Outside 42"/43" inside 35"/36", 6mm ply. Board thickness (3"X2"/4"X2"))	2
	Badminton Sets,	4
	Cricket Sets,	3
	Football (5 no.),	4
	Volleyball items with net	3
	High Jump Stand	1 set
	Weight Machine	1
	Stop Watch	1
	Javelin	4
	Discus	2
	Lazim	25
	Wooden Dumbbell	50
	Skipping Rope	5

(g). I.C.T LABORATORY: The ICT resources provide our trainees basic functional computer service. We have dedicated ICT laboratory with LAN and High Speed Internet facility. There is dedicated practice session for ICT training in the Time Table for trainees. We also have a Smart Classroom with 100 seating capacity with High Definition Interactive Board, Digital Projector and dedicated sound system.

ICT Lab items

Sl. No	Items/Description/Perticulars	Qty.
1	DESKTOP PC	15
2	DIGITAL PROJECTOR	1
3	LAN	1
4	LASER PRINTER	1



[Signature]
Lecturer-in-Charge
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