

Proposal on School Science Lab

Shree Seeta Balbikash Basic School

Nagarjun-3, Gairigaun



School Building & Compound

Introduction

Shree Seeta Balbikash Basic School was established in 1980 (2036 B.S.). It is located in Nagarjun-3, Gairigaun which is 1km far from swyambhu ring road.

Shree Seeta Balbikash is one of the best public school around here and has been providing quality education to the students from Grade Nursery to Grade 8. The principle of the school is Bishnu Shrestha. The school has around 400 students. It has 15 teachers and 2 non teaching staffs. It is in a yellow 3 stories building. It has sufficient physical structure even though it has not a proper science lab and students are not getting opportunity for their practical class what they have learn in theory of science class. The main propose of establishing science lab in the school is to provide practical knowledge what they learnt. The practical classes are affected due to lack of sufficient and essential equipments. The lab will help the students for their better learning.



Morning Assembly



Students Playing

Objective

- To provide practical knowledge to the students.
- To help the students use the models and equipments to understand the specific scientific concept of the theories.



Existing Science Equipment



Room for the Science Lab

Target Group

Students and teachers of Shree Seeta Balbikash Basic School.

Action Plan

S.N	Activities	Date	Day count	Involvement	What To Do?	How
1.	Arranged meeting with committee members for the discussion of proposal	20 Feb 2024	10 days	Committee members	Arranging a meeting	Discussion
2.	Writing proposals for science lab	25 - 30 Feb 2024	5 days	LSF Graduated girls with the help of school	Writing proposals	Writing Or typing
3.	Forwarding proposals	30 Feb 2024	1 day	LSF Graduated girls with the help of school	Forwarding either by mail or visiting office	Email/visiting
4.	Visit store for the research of equipment	5 -8 March 2024	4 days	LSF Graduated girls with the help of school	Visit Store	Research about equipment
5.	Ordering the equipment from store	15 March 2024	1 day	LSF Graduated girls with the help of school	Ordering the equipment	Visit store
6.	Installing equipment in the science lab	20 – 30 March 2024	4 days	LSF Graduated girls with the help of school	Installing the science equipments in science lab	Arranging materials in lab
7.	Running Practical classes	April 15 Onwards	Teachers and students	Experiments and Demonstration	Lab task or activities

Budget

S.N	Particular	Qty	Unit Rate	SLF/ E4E Shares	School Shares	Total
1	Ear Model	1	1,200	1,200	-	1,200
2	Eye Model	1	650	650	-	650
3	Human skeleton model	1	650	650	-	650
4	Microscope compound	1	6,500	6,500	-	6,500
5	Museum specimens, common type	1	485	485	-	485
6	Prepared slides	6	100	600	-	600
7	Glass slide	4	95	380	-	380
8	Cover slip	4	75	300	-	300
9	Glycerin	5	425	2,125	-	2,125
10	Ethanol	3	250	750	-	750
11	Dissection box	2	1,050	2,100	-	2,100
12	Acetic Acid Glacial	1	475	475	-	475
13	Beaker,250ml,Borosil	4	150	600	-	600
14	Beehive shelf	3	110	330	-	330
15	Bunsen Burner	3	550	1,650	-	1,650
16	Iron Stand	3	875	2,625	-	2,625
17	Burette	3	650	1,950	-	1,950
18	Camphor	2	650	1,300	-	1,300
19	Carbon rod	4	150	-	600	600
20	Conical Flask 250ml borosil	3	250	-	750	750
21	Copper plate	3	150	-	450	450
22	Zinc Plate	3	150	-	450	450
23	Copper sulphet	2	750	-	1,500	1,500
24	Cork,Big	4	35	-	140	140
25	Cork, Medium	4	25	-	100	100
26	Cork , small	4	20	-	80	80
27	Delivery Tube	5	20	-	100	100
28	Distillation Set	1	2,250	-	2,250	2,250
29	Dropper , Plactic	5	15	-	75	75
30	Filter Paper	5	150	-	750	750
31	Formaldehyd solution	2	375	-	750	750
32	Funnel Glass	4	125	-	500	500
33	Funnel Plastic	5	50	-	250	250
34	Gas Jar	3	225	-	675	675
35	Glass rod	5	25	-	125	125
36	Hydrochloric Acid	2	575	-	1,150	1,150
37	Iodin solution	2	250	-	500	500
38	Iron Metal	2	350	-	700	700
39	Lime water	2	250	-	500	500
40	Litmus Paper(Red,Blue)	5	110	-	550	550
41	Magnesium Ribbon	2	175	-	350	350
42	Marbel chips	2	300	-	600	600
43	Measuring Cylinder,250ml	3	250	-	750	750
44	Methyl Orange	2	220	-	440	440
45	Nytric acid	2	650	-	1,300	1,300

46	Periodic Table	2	450	-	900	900
47	PH Paper	2	150	-	300	300
48	Phenolphthalein	2	220	-	440	440
49	Pipette, Graduated 5ml	2	295	-	590	590
50	Pipette, Graduated 10ml	2	315	-	630	630
51	Porcelain Basin	4	85	-	340	340
52	Rain Gauze	1	850	-	850	850
53	Reagent Bottle, 250ml, Plastic	5	125	-	625	625
54	Round Bottom Flask, 250ml	3	125	-	375	375
55	Safranin	1	250	-	250	250
56	Sodium Chloride	2	250	-	500	500
57	Sodium Metal	2	450	-	900	900
58	Spirit Lamp	5	150	-	750	750
59	Spirit	5	150	-	750	750
60	Sulphuric Acid	2	650	-	1,300	1,300
61	Test tube, Regular	20	25	-	500	500
62	Test Tube, Hard Glass	10	55	-	550	550
63	Test Tube Holder	10	55	550	-	550
64	Test Tube Rack	5	110	550	-	550
65	Thistle Funnel	2	85	170	-	170
66	Top Pan Balance	1	850	850	-	850
67	Tripod Stand, Small	2	225	450	-	450
68	Tripod Stand, Big	2	275	550	-	550
69	Volumetric Flask, 250ml	2	550	1,100	-	1,100
70	Wash Bottle	4	140	560	-	560
71	Water Trough	2	350	700	-	700
72	Woulfe's Bottle	2	425	850	-	850
73	Zinc metal	1	350	350	-	350
74	Atomic Model	1	1,650	1,650	-	1,650
75	Bar Magnet 2"	4	225	900	-	900
76	Bar Magnet 3"	4	275	1,100	-	1,100
77	Bell Jar	1	850	850	-	850
78	Concave /Convex mirror	4	85	340	-	340
79	Concave/Convex Lens	4	85	340	-	340
80	Drawing Board	2	650	1,300	-	1,300
81	Electric Bell	1	1,150	1,150	-	1,150
82	Electric Motor Model	1	1,150	1,150	-	1,150
83	Electromagnet	2	450	900	-	900
84	Glass Slab	2	150	300	-	300
85	Horse Shoe Magnet	3	225	675	-	675
86	U Shape Magnet	3	225	675	-	675
87	Hydraulic press	1	2,850	2,850	-	2,850
88	Hydrometer	1	6,520	6,520	-	6,520
89	Lab Thermometer	2	175	350	-	350
90	Magnetic Compass	3	40	120	-	120
91	Magnifying Lens	3	350	1,050	-	1,050
92	Max-Min Thermometer	2	550	1,100	-	1,100
93	Newton color disc	2	550	1,100	-	1,100
94	Periscope	2	550	1,100	-	1,100
95	Plane Mirror	2	150	300	-	300

96	Prism,Small	4	150	600	-	600
97	Prism, Big	4	200	800	-	800
98	Room Thermometer	2	250	500	-	500
99	Spring balance	3	250	750	-	750
100	Stop Watch	2	350	700	-	700
101	Telescope	1	9,800	-	9,800	9,800
102	Dynamo	1	1,250	-	1,250	1,250
103	Kidney Model	1	650	-	650	650
104	Lungs model	1	650	650	-	650
105	Heart Model	1	650	650	-	650
106	Museum specimens, rare type	1	575	575	-	575
107	Teeth Model	1	1,550	1,550	-	1550
108	Manganese dioxide	1	175	175	-	175
109	Educational Chart	1	350	350	-	350
110	RNA Model	1	1,850	1,850	-	1850
111	DNA Model	1	1,850	1,850	-	1850
112	Weight Machine	1	3,500	3,500	-	3500
113	Measuring Tape	1	350	350	-	350
114	Rack	2	20,000	-	40,000	4,0000
115	Transportation		2,000	-	2,000	2,000
116	Communication		1,000	-	1,000	1,000
117	Project management & reporting		16,277	16,277		
	Total			88,297 + 13% VAT*	8,1635 + 13% VAT	
	Grand Total			97,660 (53%)	86,658 (47%)	184,318

* VAT charged on equipment purchases only

Monitoring & Evaluation

The school management committee will observe the project in running phase and as well as in the completion of the project. The committee will submit the progress of the work frequently. The follow up will be done through school management in oversee of the science lab project committee.

Committee Members:

1. Anjana Nagakoti (Graduated LS) - Leader
1. Bishnumani Adhikari (SMC) - Leader
2. Bishnu Shrestha (Principal)-Member
3. Kashiram Lamsal (Science Teacher)-Member
4. Anjana Nagarkoti (Teacher)-Member
5. Durga Simkhada (Teacher)-Member
6. Sabu Karki (LSF/E4E Girl)-Member