

Proposal on Adding Materials in Science Lab

Indrawati Public School (I.P.S.)

Kumarigal, Boudha - 6, Ktm

Introduction:

Indrawati Public School was established in 2000 (2057 B.S). It is located at Kumarigal about 1.5 Km from the ring road (Chabahil). People from different villages and district are migrated and living here. Most of the people work as a daily basis worker to earn for their livelihood. This school is situated at the heart of Bouddhanath Stupa and Pashupatinath Temple.



School Compound



Students playing in the ground

The School don't have its own building. They have taken a land on lease and have constructed one storey building with tin roofs. Total number of students of this school is 350 and 29 teaching and non-teaching staffs.

As we all know we have already done science lab project in the year 2019 in school but according to the new curriculum and new modern technology school need to add different materials and change the date expire chemicals to do the chemical reaction and applied in their practical field. So, for the effective learning according to the new curriculum and for many practical tests again we need different materials for science lab.



Existing Science Lab

Objective:

- Access students to do practical in science lab what they have learn in theory.
- Students broaden their mind and learn new things by doing hands on work.
- Students can do competition in anything related to science in this competitive world.
- Students can develop their thinking capacity and they can develop their interest to invent new things.

Action Plan:

S.N	Activities	Date	days	who	What to do	How
1	Meeting with the committee members	May 25 - 26, 2023	2	Committee Members	Arrange a meeting	By the help of school administration
2	Finalize necessary science equipment	June 01 – 02, 2023	2	E4E girls and school members	Discuss about equipment	Discussion
3	Research in market about the price of science equipment	June 05 – 07, 2023	3	Committee Members	Research in market	Visit Market
4	Buy Science equipment from the market	June 15, 2023	1	Committee Members	Buy equipment	Buying
5	Arrange science equipment in the Science Lab	June 18 – 20, 2023	2	Committee Members	Arranging in lab	Arranging
6	Make ready for the students to do practical	June 25 onwards....

Budgeting

SN	Science Equipment	Quantity	Rate	LSF Share	School Share	Total
1	Chromatography Paper	5	300	1,300		1,300
2	Delivery Tube	15	20	300		300
3	Measurement Cylinder 250 ml	2	1,500	3,000		3,000
4	Measurement Cylinder 500 ml	2	1,700	3,400		3,400
5	RB Flask	2	800	1,600		1,600
6	Conical Flask 250 ml	3	350	1,050		1,050
7	Conical Flask 500 ml	3	520	1,560		1,560
8	Methylorange 100 ml	1	850	850		850
9	Phenaphalin 100 ml	1	600	600		600
10	Hydrochloric Acid	1	1,520	1,520		1,520
11	Sodium Chloride	1	720	720		720
12	Filter Paper	1	125	125		125
13	Procelin Basin	2	325	650		650
14	Lens (concave and Convex)	2	350	700		700
15	Beaker (Hard)	1	800	800		800
16	Funnel	2	180	360		360
17	Reflecting device	2	240	480		480
18	Rubber Cork	8	150	1,200		1,200
19	Test tube	50	40	2,000		2,000
20	Gas Jar	1	2,200	2,200		2,200
21	Iodine	1	800	800		800
22	12 v battery	1	1,650	1,650		1,650
23	Muslem Specimen Octopus	1	450	450		450
24	“ Tapeworm	1	450	450		450
25	“ Prawn	1	430	430		430
26	“ Bat	1	450	450		450

27	“ Butterfly	1	450	450		450
28	“ Earthworm	1	450	450		450
29	Potassium Chloride	1	1,200	1,200		1,200
30	Zinc Piece	1	1,320	1,320		1,320
31	Glycerin	1	730	730		730
32	Thistle Funnel	5	80	400		400
33	Battery 9v	1 dozen	1,200	1,200		1,200
34	Test Tube Clip	3	200	600		600
35	Calcium carbonate	1	2,520	2,520		2,520
36	Hydrogen peroxide	1	750	750		750
37	Sodium Nitrate	1	850	850		850
38	Manganese Dioxide	1	750	750		750
39	Sodium chloride	1	750	750		750
40	Copper sulphate	1	1,800	1,800		1,800
41	Potassium chloride	1	450	450		450
42	Ammonium Chloride	1	950	950		950
43	Hydrogen chloride (N/10)	1	1,480	1,480		1,480
44	Calcium hydroxide	1	600	600		600
45	Sulphate ion solution	1	320	320		320
46	Potassium chlorate	1	440	440		440
47	Test Tube long iron stand	3	1,400	4,200		4,200
48	Brain Model	1	1,900	1,900		1,900
49	Different magnet	7	150	1,050		1,050
50	Geometrical box	1	4,700	4,700		4,700
51	Chart	5	600	3,000		3,000
52	Geometrical Shapes	1 box	1,690	1,690		1,690
53	Galvometer	1	850	850		850
54	Ammeter	1	850	850		850
55	Wofl’s bottle	3	460	1,380		1,380
56	Urika can	2	110	220		220
57	Disecting box	2	1,300	1,300		1,300
58	Chart	10	650	1,650		1,650
59	Mirror	6	350	2,100		2,100
60	Board	6	700	4,200		4,200
61	Rack	2	20,000		40,000	40,000
62	Transportation				5,000	5,000
63	Communication				3,000	3,000
64	Lunch				5,000	5,000
65	Maintenance Cost for coming days				25,000	25,000
66	Project management			15,149		15,149
	Total			90,894 (53.8%)	78,000 (46.2%)	168,894

Committee Members:

1. Anima Bhattarai (CM) – Leader
2. Mohammad Rizwon (Science Teacher) – Member
3. Prabin Bhandari (Science Teacher) – Member
4. Kritika Timalsina (LSF/E4E girl) – Member
5. Shreesti Chaudhary (LSF/E4E girl) – Member
6. Sushina Khatri (LSF/E4E girl) – Member