



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: Kendriya Vidyalaya Leimakhong
Address: Post-Mantri Pukhari, BPO Karakhul,
Imphal, senapati, Manipur, India
Coordinator Name: SONU BAN



AIR



ENERGY



FOOD



LAND



WATER



WASTE

Green Schools Programme

Centre for Science and Environment

41, Tughlakabad Institutional Area, New Delhi. India - 110062

Tel: +91-11 29955124, 29956110, 40616000

<http://www.greenschoolsprogramme.org/>

SCHOOL PROFILE

1

Name of the School / Institution

Kendriya Vidyalaya Leimakhong

2

Address

Post-Mantri Pukhari, BPO Karakhul, Imphal, senapati, Manipur, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 0385 (NUMBER) 2429214

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9485190596

5

Principal Name

Sandeep Kumar Shrivastva

6

GSP Coordinator Name

SONU BAN

7

GSP Coordinator Email

ban.sonu@yahoo.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9896020488

9

Category Of The School

Day Scholar

10

School Shifts

Morning

GENERAL QUESTIONS

1

How many levels does your school have?

Lowest level of grade:1

Highest level of grade:12

2

Is your school single gender or mixed gender?

Mixed/Co-education

3

Which board of education does the school follow?

Central Board of Secondary Education

4

Total permanent population of the school

	Male	Female	Total
Students	452	312	764
Teachers	22	17	39
Non-Teaching Staff	6	0	6
TOTAL	480	329	809

4(b)

How many visitors visit your school

800

5

What is the total number of working days of your school in a year?

210

6

Month(s) in which the GSP audit was carried out?

Oct

7

Where is the school located?

Rural Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Th. Ranju Meitei	Th. Ranju Meitei
2.	Th. Dharmendra Singh	thdharmen12@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. Tomnath Bastola	

Students

Sno.	Name	Email	Grade/Class
1.	Prasant Pal		10
2.	Raj Aryan Choudhary		10
3.	First Singh		10
4.	Md. Nayeem		10
5.	Rossevelt Singh		10
6.	Srinivash Singh		10
7.	Pankaj Kumar		10
8.	Nicole Singh		10
9.	Kushal		10
10.	Phoenix Devi		10

Task 2: Are the rooms in your school well-ventilated?

1 How many classrooms does your school have?

22

2 Window-floor ratio of classrooms in the school.

Details of the classroom (e.g. Class II section b)	X = Area of floor (LxB)	Y = Area of openings (LxH)	Percentage of the floor area being ventilated (Y/X x 100)
IV-A	41.25	4.09	9.92

IV-B	49.00	6.50	13.26
V-A	41.25	4.09	9.92
V-B	41.25	4.09	9.92
VIII-A	35.55	4.97	13.99
VIII-B	37.35	4.97	13.31
X-A	37.37	6.47	17.31
X-B	35.51	6.63	18.66
IX-A	37.37	7.89	21.12
IX-B	42.18	10.48	24.85
TOTAL	398.08	60.19	

Task 3: How eco-friendly are the vehicles in your school?

3

What is the ownership used by the vehicles used in your school? Please choose what is applicable?

Operator-owned vehicles

Task 4: How do you travel to school every day?

4

How many members of the school community use each type of transport:

	Students	Teaching Staff	Non Teaching Staff	Total
Schoool Bus	0	0	0	0
Public Bus	0	0	0	0
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	500	20	0	520
Taxi four-wheeler	64	0	0	64
Taxi three-wheeler	0	0	0	0
Personal four-wheeler	0	0	0	0
Personal two-wheeler	0	5	1	6
Bicycle	0	0	0	0

On foot	200	14	5	219
Others (non-motorised)	0	0	0	0
SUB-TOTAL	764	39	6	809

Task 5: How good is the air you breathe in your school?

5

How many students suffer from respiratory ailments ?

0

6

Does the school laboratory have air quality monitoring equipment?

No

No documents uploaded by the school.

6(a)

If No, is there an air quality monitoring station (private or government) close to your school?

No



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Miss Ch. Kiranmala Devi	chkiranmala@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. Jaiveer	jaiveeru610@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Raju Chauhan		9
2.	A. Vikrant		9
3.	Kh. Rakesh		9
4.	M. Dettol		9
5.	Kh. Probin		9
6.	Kh. Wangkhamba		9
7.	Simran gupta		9
8.	H. Devika		9

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. 20161108_133730.jpg
2. 20161108_133739.jpg
3. 20161108_134023.jpg
4. 20161108_134841.jpg
5. 20161118_132122.jpg

2

Does your school have its own vehicles?

No

3

Provide the details of total energy consumed by the school

	Quantity consumed/monthly average	Energy consumed in Megajoules (MJ)	Type of use
Electricity from the board (kwh)	1675	6030.00	1,5
Electricity from generator (diesel) (litres)	0	0.00	0
Petrol (litres)	8	373.60	2
Diesel (litres)	0	0.00	0
CNG (kilogrammes)	0	0.00	0
Kerosene (litres)	0	0.00	0
Coal (kilogrammes)	0	0.00	0
Wood (kilogrammes)	0	0.00	0
Animal waste (kilogrammes)	0	0.00	0
Solar (kwh)	0	0.00	0
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	0	0.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	1683.00	6403.60	

Supporting Documents

1. 20161118_133518.jpg

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	0	0	0
Refrigerator	0	0	0
Microwave	0	0	0
Tube Lights	189	7560	1
CFL Bulbs	0	0	0
LED Lights	0	0	0
Fans	103	7519	1

Supporting Documents

1. 20161118_135709.jpg

Task 3: Is your school using any renewable sources of energy?

5

What is the average number of sunny days in your area?

120

6

Are there any alternate sources of energy employed/ installed in your school?

No

No documents uploaded by the school for energy chapter.



FOOD

Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	SONU BAN	ban.sonu@yahoo.com

Administrative staff

Sno.	Name	Email
1.	Mr. Tomnath Bastola	

Students

Sno.	Name	Email	Grade/Class
1.	Zakir Hussain		12
2.	Malemnganba		12
3.	Rohit Dahal		12
4.	R.K. Bidyarani		12
5.	kh. Priyanka		12
6.	M. Ekta Devi		12
7.	Mercy Baite		12
8.	Nemhoithing		12
9.	N. Anjali		12

Task 2: Find out about the food service in your school.

1 Does your school have a provision/space to sell packaged food items within the campus

Yes

2 Does your school serve midday meals?

No

2(a) Do students bring their own lunch from home?

Yes

Supporting Documents

1. IMG-20161118-WA0005.jpg
2. IMG-20161118-WA0004.jpg
3. 20161117_113117.jpg
4. IMG-20161118-WA0010.jpg
5. IMG-20161118-WA0003.jpg

2(a)(1) How many students out of total student population bring home-made lunch?

635.00

2(a)(2) Of the students who bring lunch from home, how many bring packaged food?

30.00

2(a)(3) Do teachers have the responsibility to ensure that students are carrying lunch from home?

Yes

Task 3: What kind of food is served/sold in your school

3 What kind of food is being served / sold in your school

	Please count all flavours/variants available in the school canteen separately	Total number of items sold in a month in the canteen	Month the food items were sold in
Savoury snacks and similar packaged food like chips, Kurkure, Cheetos, potato crisps, corn snacks, nuts and seeds, etc	15	150	10
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	12	120	10
Potato fries and Burgers	0	0	10
Confectionery items (chocolate, candies, gums)	7	185	10
Ice-cream	0	0	10
Carbonated beverages	0	0	10
Sugar sweetened noncarbonated beverages	5	120	10

Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	20	250	10
Packaged/Bottled Energy Drinks	8	120	10

No documents uploaded by the school.

4 Does your school serve traditional Indian snacks?

Yes

4(a) Please provide the details:

	Number of plates sold when on the menu
Samosas	50
Idli/vada and sambhar	0
Pav bhaji	0
Momos	5
Others	0

4(b) Give descriptions for rare local snacks served in your school:?

Samosa, Paties, Pastry, Tea, Biscuit, Namkeen

5 Does your school serve traditional Indian beverages?

Yes

5(a) Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	12
Sweet lassi	5
Salted butter milk	2
Aam Panna	1
Others	0

Task 4: What kind of food does your school promote?

6

Does the school distribute packaged food items as rewards during schools events?

Yes

6(a)

Please provide details

local sweets (Laddu, Rasgulla,), Samosa

7

Does the school distribute chocolates/similar products as refreshments during schools events?

No

8

Are your school events such as quiz shows, talent shows, debates sponsored by food companies/brands?

No

No documents uploaded by the school.



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	MS. MONIKA	monithangjam87@gmail.com
2.	MS. BINODINI	binodinikhangembam@gmail.com
3.	MR. RANJIT	ranjitsinghkhundrakpam3@gmail.com

Administrative staff

Sno.	Name	Email
1.	JEEVAN SHARMA	

Students

Sno.	Name	Email	Grade/Class
1.	SUSHMITA		
2.	AMELI		
3.	VALENTINA		
4.	LAXMI		
5.	SACHIN		
6.	MAX		
7.	RAMAN		
8.	SHITRAWJIT		
9.	DRESSAL		
10.	PURVASHRI		

Task 2: Measure the four critical areas of your school campus

1

Complete the table:

	Your school's area
Site area in square meter (m ²)	16,394
Ground coverage area	2,972
Green landscaped area on-ground	2,727

Surface parking area	0
Play area that is paved/ concrete on ground	306
Play area that has grass on ground	9,200
Service Area on ground	200
Roof and terrace area	302
Green cover on exposed roof & terrace	0
Total built up/constructed area	1,486
Total no. of floors	1
Others	540

Task 3: Explore the number of species of plants and animals in your school

3

How many species of plants and animals exist in your school?

	Native	Exotic	Total
Plants	144	10	154
Animals	20	2	22

Task 4: Find out if your school uses pesticides

4

Do you use chemical based pesticides in your school green cover?

No

Supporting Documents

1. 20161118_082803.jpg
2. 20161118_082823.jpg
3. 20161105_131319.jpg
4. 20161105_132148.jpg
5. 20161105_133115.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	MR. LAXMAN SINGH DEWAL	dewallaxmansingh@gmail.com

Administrative staff

Sno.	Name	Email
1.	BIREN	

Students

Sno.	Name	Email	Grade/Class
1.	NIKITA		9
2.	ARNAB		9
3.	SISHILA		9
4.	MARTHA		9
5.	NIKHIL		9
6.	JYOTI		9
7.	DHEERAJ		9
8.	ABHISHEK		9
9.	MAHESH		9
10.	PRIYA		9

Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	1600
Toilet flushing	800
Personal cleaning	50
Washing clothes	40

Cooking	5
Cleaning Utensils	2
Washing Vegetables	0
Mopping floors	100
Gardening	500
Total	3097

Task 3: What are the sources, supply and storage of water in your school

2 Where does the water your school uses, come from?

Surface water

3 Who supplies the water in your school?

Public Health Engineering Department (PHED)

4 Does your school get daily water supply?

Yes

4(a) If supply of water is daily, please tick the correct option

7-12 hours

Task 4: What are the water conservation practices followed in your school?

5 What are the water conservation practices your school follows.

	Yes / No
Does your school have any water and sanitation policy?	Yes
If your school has an eco-club, do they have water component?	Yes
Do all tanks in the school have float valves installed to stop overflow?	Yes
Do the drinking water points have spill proof taps to check overflow?	No
Does your school use appliances with a quick-wash setting?	No
Are dual flush systems installed in the toilets?	Yes
Does your school encourage bottled water for drinking water?	Yes

Does your school grow local plant species which require limited amount of water to grow?	Yes
Has your school initiated any water conservation steps in the school or outside, in the past one year?	No
Does your school use a drip or irrigation system?	Yes
Any other step taken for water conservation? (if Yes, please specify)	No

Supporting Documents

1. IMG_20161108_095848.jpg
2. IMG_20161108_095908.jpg
3. IMG_20161108_095954.jpg
4. IMG_20161108_100211.jpg
5. IMG_20161108_095812.jpg

Task 5: Does your school harvest rainwater?

6

Do you have Rainwater harvesting (RWH) system in your school?

No

6(a)

Calculate your school's rainwater harvesting potential (in litres).

10

Task 6: Are the plumbing and sanitation facilities in your school adequate?

7

Please share details about sanitation and hygiene practices in your school.

	Yes / No
Does the school have separate toilets for males and females?	Yes
Are there sufficient toilets for women in your school?	Yes
Are there sufficient toilets for men in your school?	Yes
Are the toilets accessible and safe to use for children?	Yes
Are the toilets accessible and safe to use for differently abled children?	Yes
Are the toilets accessible and safe to use for differently abled staff (teaching and non-teaching)?	Yes

Are the toilets situated in the right location in terms of privacy and safety?	Yes
Is there sufficient light during day time?	Yes

8 How many drinking water taps do you have?

14

9 How many hand pumps do you have?

0

10 How many ablution taps (taps used for washing hands only) do you have?

14

11 How many water closets (used for defecation and urination) do you have?.

	Girls	Boys	Common	Total
Number of toilets	12	12	0	24

12 How many urinals (strictly used for urination only) do you have?

10

13 How many other water outlets (example: taps in play fields, sprinklers, swimming pool) do you have?

2

14 Is there a water storage system in place to supply water in the toilets?

Yes

15 Is the water supply sufficient?

Yes

16 Are the toilets cleaned?

Yes

16(a) If yes, please specify

More than twice a day

Task 7: Does your school reuse/recycle waste water?

17

Does your school treat wastewater?

No

18

Does your school reuse the treated wastewater?

Yes

18(a)

How does your school reuse wastewater?

Gardening

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	MR. TOMBI SINGH	thtombi1979@yahoo.in

Administrative staff

Sno.	Name	Email
1.	M. BIREN	

Students

Sno.	Name	Email	Grade/Class
1.	STELIN		11
2.	ROHAN		11
3.	ROHIT		11
4.	PUNIT		11
5.	KIRAN		11
6.	VALENTINA		11
7.	MUSKAN		11
8.	LUXMI		11
9.	NANCY		11
10.	DEEPTI		11

Task 2: What is the waste segregation system in your school?

1 Does your school segregate solid waste?

Yes

1a Who segregates the waste at source?

1. Housekeeping (Sweeper)
2. Gardener

2 Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	22	0	22	0	0
Playgrounds	2	0	0	0	2
Common area (e.g. reception, corridors)	2	0	0	2	0
Staffroom	2	0	2	0	0
Laboratory	4	0	4	0	0
Canteen	1	0	1	0	0
Clinic/ Sick room	1	0	1	0	0
Library	1	0	1	0	0
Toilets	10	0	10	0	0
Others	0	0	0	0	0
Total	45	0	41	2	2

Supporting Documents

1. IMG_20161118_121152_HDR.jpg
2. IMG_20161104_112037.jpg
3. IMG_20161104_111235.jpg
4. IMG_20161104_140052.jpg
5. IMG_20161104_140052-1.jpg

Task 3: How much waste does your school generate?

3

Determine the quantity of waste generated in your school. (in kilogram)

	Collection per month (Frequency may differ)
Garden/ horticulture waste	40000
Kitchen waste	6
Paper	300
Plastic	30

Wood, glass, metal, classroom furniture	30
E-waste	3
Biomedical waste	50
Sanitary waste	250
Construction and Demolition (C & D) waste	3000
Hazardous waste	40
Total Generated Solid Waste (in kilogram)	43709

Supporting Documents

1. IMG_20161104_140052.jpg
2. IMG_20161104_140052-1.jpg
3. IMG_20161104_111235.jpg
4. IMG_20161104_112037.jpg

Task 4: How much waste does your school recycle/treat?

4

Does your school recycle any generated waste?

No

5

Does your school have a composting facility?

Yes

No documents uploaded by the school.

5a

What is the methodology used?

Natural composting without added microbes

5b

What is the quantity of compost that is generated per month(in kilogram)?

5,000.00

5c

What is the purpose of the compost that is generated per month?

For horticultural purposesFor school garden

6

Does your school encourage students & teachers to reuse textbooks?

Yes

7

Table to understand whether internal or external waste recycling procedures are applied to waste.

	Local kabadiwala (the scrap collector)	Authorised dealer	Dumped at a designated community site	Internal procedure
Paper (e.g., used notebooks, used examination paper, subscription newspaper and magazines)	✗	✗	✗	✓
Plastic (e.g. plastic bottles)	✗	✗	✓	✗
Horticultural waste	✗	✗	✓	✗
E-waste (e.g. broken, unusable computers)	✗	✗	✗	✓
Hazardous waste (e.g. diesel fuel, battery)	✗	✗	✓	✗
Wood,glass, metal scrap, other scrap	✗	✗	✓	✗
Biomedical waste (e.g. waste from Nurse's room in school, e.g. band-aids, syringe)	✗	✗	✓	✗

No documents uploaded by the school.

Task 5: How does your school dispose waste?

8

What is the final destination for waste that is disposed of externally?

Designated dumping site (Dhalao)

No documents uploaded by the school.

9

Does your school burn waste?

No

Does your school have the following? If yes, please give the numbers.

	Total	Working conditions	Non-working condition
TVs	1	1	0
VCR or DVD players	1	1	0
Refrigerators and freezers	0	0	0
Washing machines	0	0	0
Air conditioners	0	0	0
Heaters	2	2	0
Microwaves	0	0	0
Ovens	0	0	0
Toasters	0	0	0
Electric Kettles	1	1	0
Personal computers (CPU, mouse, screen and keyboard included)	44	44	0
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	6	6	0
Copying equipment (Photocopiers)	3	3	0
Projectors	3	3	0
Whiteboards	26	26	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	3	3	0
Fax machines	1	0	1
Telex	0	0	0
Telephones	2	2	0
Pay telephones	0	0	0

Mobiles	1	1	0
Answering systems	0	0	0

No documents uploaded by the school.

11 Do you know that your E-waste can be collected by an authorised dealer or dismantler?

No

Task 6: School's initiatives

12 Does the school have a policy on waste?

Yes

Policy document

13 Are there awareness drives with regard to Reduce, Recycle and Reuse?

Yes

No documents uploaded by the school.

13a What form do these awareness drives take?

As part of extracurricular activities such as guest lectures

14 Is the study of the environment integrated into the curriculum?

Yes

No documents uploaded by the school.



FEEDBACK

1

Has your school participated in the Green Schools Programme (GSP) Audit before?

Yes

1(a)

If yes, then in which year did your school first participate in the GSP Audit?

2015

1(b)

If yes, how many times have you done the audit?

1

2

Have teachers from your school participated in teacher interactive workshops organized by the GSP team?

No

3

Did you find the online information relevant to your environmental education activities?

Yes

4

Was the audit easy-to-understand and self-explanatory?

Yes

5

Did you understand the present format of the GSP?

Yes

6

Do you think your school will be a Green School (resource efficient) by 2019?

Yes

7

What would be the help required to make your school a Green School?

More Number of varieties of plants grown up. School has lush green large campus. Diversity of species are present in the school campus.

8

How would you rate the overall design of the audit?

Aspect	Good / Average /Bad
Content	Good
Distribution of time among tasks	Good
Sequencing of tasks	Good

Orientation for conducting tasks	Good
9	<p>Would your school like to recommend any topic/s that you strongly feel should be added or deleted in the audit?</p> <p>No</p>
10	<p>Could you finish all the tasks in given period of time online?</p> <p>Yes</p>
11	<p>How many times did you contact the Green Schools Programme Team for guidance and counseling?</p> <p>Never</p>
12	<p>Water being the focus this year, did you find the questionnaire in Water section helpful to make your school understand how to become water efficient?</p> <p>Yes</p>
13	<p>Did your students enjoy doing the Water activities?</p> <p>Yes</p>
13(a)	<p>How many students were involved in the activities?</p> <p>10.00</p>

Checklist of uploaded documents

1. Fuel Bills
2. Electricity Bill
3. Picture of 5 star appliances used by school
4. Picture of Renewable sources of Energy
5. Photographs of lunch boxes
6. Picture of Canteen selling UPPF
7. Traditional food items sold in canteen
8. Pictures of Green Cover
9. Pictures of landscaped area
10. Pictures of dustbins in classroom showing segregation at source
11. Pictures of playground with more than two dustbins
12. Picture of audit team weighing solid waste
13. Picture of types of solid waste generated
14. Pictures of housekeeping staff disposing different types of solid waste
15. Pictures of Electronic items used by school and storage of non-working electronic items
16. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
17. Pictures of respective audit teams doing survey