



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: GOVERNMENT SECONDARY SCHOOL
LOWER SUMIN

Address: LOWER SUMIN SECONDARY SCHOOL
P.O SANGKHOLA EAST SIKKIM VIA
SINGTAM, LOWER SUMIN
SECONDARY SCHOOL P.O
SANGKHOLA EAST SIKKIM VIA
SINGTAM, SINGTAM, East District,
Sikkim, India

Coordinator Name: T.B CHETTRI



SCHOOL PROFILE

1

Name of the School / Institution

GOVERNMENT SECONDARY SCHOOL LOWER SUMIN

2

AddressLOWER SUMIN SECONDARY SCHOOL P.O SANGKHOLA EAST SIKKIM VIA SINGTAM,
LOWER SUMIN SECONDARY SCHOOL P.O SANGKHOLA EAST SIKKIM VIA SINGTAM,
SINGTAM, East District, Sikkim, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 3592 (NUMBER)

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9434211790

5

Principal Name

S.K NEPAL

6

GSP Coordinator Name

T.B CHETTRI

7

GSP Coordinator Email

sknepal62@yahoo.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9434203924

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:10

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	118	106	224
Teachers	10	10	20
Non-Teaching Staff	5	1	6
TOTAL	133	117	250

4(b)

How many visitors visit your school

4

5

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

233

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.	K.B KHULAL	K.B KHULAL
2.	RATNA MAYA CHETTRI	ushakesh@yahoo.com

Administrative staff

Sno.	Name	Email
1.	TILAK BAHADUR CHETTRI	ushakesh@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	MEENA TAMANG	NIL	10
2.	RINCEN TSH. LEPCHA	NIL	10
3.	BINA CHETTRI	NIL	9
4.	BINOD RAI	NIL	9
5.	SUNITA TAMANG	NIL	10
6.	BINDHYA SHARMA	NIL	10
7.	DEEPANDRA CHETTRI	NIL	10

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

1 How many classrooms does your school have?

10

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)
111	15.00	15.00	100.00
STAFF ROOM	21.00	21.00	100.00
IV	15.00	15.00	100.00

V	15.00	15.00	100.00
VI	15.00	15.00	100.00
VII	15.00	15.00	100.00
VIII	15.00	15.00	100.00
IX	15.00	15.00	100.00
X	15.00	15.00	100.00
DOOR	21.00	21.00	100.00
TOTAL	162.00	162.00	

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?

A combination of school-owned and operator-owned vehicles

3(a)

Provide details of school-owned motorized vehicles .

	Buses	Cars	Vans	Others	Total
No. of vehicles	0	4	1	0	5
No. of vehicles more than five years old	0	2	1	0	3
Air conditioned	0	4	0	0	4
No. of vehicles with PUC done	0	4	1	0	5
Parking area (m2)	0	45	9	0	54

Supporting Documents

1. IMG-20161117-WA0010.jpg
2. IMG-20161117-WA0011.jpg
3. IMG-20161117-WA0012.jpg
4. IMG-20161117-WA0013.jpg
5. IMG-20161117-WA0016.jpg

3(b)

Specify the type of fuel used by your school vehicles:

	Diesel	Petrol	LPG	CNG	Electric	Hybrid
Bus	0	0	0	0	0	0
Car	2	2	0	0	0	0
Van	1	0	0	0	0	0
Other vehicles	0	0	0	0	0	0
SUB-TOTAL	3	2	0	0	0	0

No documents uploaded by the school.

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)	0	0	0	0
Taxi four-wheeler	5	6	1	12
Taxi three-wheeler	0	0	00	0
Personal four-wheeler	0	10	2	12
Personal two-wheeler	0	0	0	0
Bicycle	0	0	0	0

On foot	219	4	3	226
Others (non-motorised)	0	0	0	0
SUB-TOTAL	224	20	6	250

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.	ANIL KUMAR ISHWAR	ushakesh@yahoo.com
2.	SARITA CHETTTRI	ushakesh@yahoo.com

Administrative staff

Sno.	Name	Email
1.	T.B CHETTRI	ushakesh@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	PASSANG TSH SHERPA	ushakesh@yahoo.com	10
2.	DURGA BDR CHETTRI	ushakesh@yahoo.com	9
3.	TRAJA CHETTRI	ushakesh@yahoo.com	10
4.	KABI CHETTRI	ushakesh@yahoo.com	10
5.	SUK MAYA BISHWAKARMA	ushakesh@yahoo.com	9
6.	PEMKIT LEPCHA	ushakesh@yahoo.com	9
7.	PASSANG SHERPA	ushakesh@yahoo.com	10
8.	PHURBA DORJEE SHERPA	ushakesh@yahoo.com	9
9.	KARMA GHURMEE SHERPA	ushakesh@yahoo.com	10

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

No

No documents uploaded by the school.

2

Does your school have its own vehicles?

Yes

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)	48	172.80	1
Electricity from generator (diesel) (litres)	0	0.00	0
Petrol (litres)	30	1401.00	0
Diesel (litres)	25	1140.00	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)	14.9	768.84	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	117.90	3482.64	

No documents uploaded by the school.

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	15	0	0

CFL Bulbs	0	0	0
LED Lights	0	0	0
Fans	14	75	3

No documents uploaded by the school.

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

5

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

180

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.	HEMANT SUBBA	ushakesh@yahoo.com
2.	LAKEY BHUTIA	ushakesh@yahoo.com

Administrative staff

Sno.	Name	Email
1.	T.B CHETTRI	ushakesh@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	MEERA CHETTRI	ushakesh@yahoo.com	9
2.	PRERNA CHETTRI	ushakesh@yahoo.com	
3.	KHINA MAYA CHETTRI	ushakesh@yahoo.com	
4.	TSHERING DOMA BHUTIA	ushakesh@yahoo.com	
5.	PERNITA CHETTRI	ushakesh@yahoo.com	
6.	BHARAT GURUNG	ushakesh@yahoo.com	

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

No

2

Does your school serve midday meals?

Yes

No documents uploaded by the school.

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	60	60	10
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	5	30	10
Potato fries and Burgers	0	0	10
Confectionery items (chocolate, candies, gums)	36	90	10
Ice-cream	0	0	10
Carbonated beverages	0	0	10
Sugar sweetened noncarbonated beverages	6	30	10
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	0	10
Packaged/Bottled Energy Drinks	0	0	10

Supporting Documents

1. IMG-20161117-WA0002.jpg
2. IMG-20161117-WA0001.jpg
3. IMG-20161117-WA0000.jpg

4

Does your school serve traditional Indian snacks?

Yes

4(a)

Please provide the details:

	Number of plates sold when on the menu
Samosas	0
Idli/vada and sambhar	0

Pav bhaji	0
Momos	264
Others	0

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

momos

5 Does your school serve traditional Indian beverages?

No

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

BISCUITS, SWEETS, CHOCOLATES

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

Yes

7(a) Please provide the names?

COFFE BITE, ECLARS, MAZELO,LACTO KING,MUNCH, CAKE

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

No

Supporting Documents

1. IMG-20161117-WA0000.jpg



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	KARMA SONAM BHUTIA	ushakesh@yahoo.com
2.	PREM KUMAR GURUNG	ushakesh@yahoo.com

Administrative staff

Sno.	Name	Email
1.	T.B CHETTRI	ushakesh@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	DHA LAMU SHERPA	ushakesh@yahoo.com	9
2.	MINGMA DIKI SHERPA	ushakesh@yahoo.com	9
3.	MENUKA CHETTRI	ushakesh@yahoo.com	9
4.	AMRITA RAI	ushakesh@yahoo.com	10
5.	MANISHA GURUNG	ushakesh@yahoo.com	10
6.	SUK MAYA RAI	ushakesh@yahoo.com	10
7.	BHANU GURUNG	ushakesh@yahoo.com	9

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)	726
Ground coverage area	760
Green landscaped area on-ground	420
Surface parking area	54
Play area that is paved/ concrete on ground	516
Play area that has grass on ground	363

Service Area on ground	200
Roof and terrace area	600
Green cover on exposed roof & terrace	0
Total built up/constructed area	615
Total no. of floors	2
Others	0

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	2	2	4
Animals	1	3	4

Task 4: Find out if your school uses pesticides

4

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

No

No documents uploaded by the school.



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	USHA SHARMA	ushakesh@yahoo.com
2.	THUPDEN BHUTIA	ushakesh@yahoo.com

Administrative staff

Sno.	Name	Email
1.	T.B. CHETTRI	ushakesh@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	PRIYA CHETTRI	ushakesh@yahoo.com	10
2.	ANJU TAMANG	ushakesh@yahoo.com	10
3.	LAKHIDEM BHUTIA	ushakesh@yahoo.com	10
4.	PEMBA NORBU	ushakesh@yahoo.com	10
5.	ANISHA GURUNG	ushakesh@yahoo.com	9
6.	RENUKA CHETTRI	ushakesh@yahoo.com	9
7.	REENA TAMANG	ushakesh@yahoo.com	9
8.	BHAGIRAJ CHETTRI	ushakesh@yahoo.com	9
9.	KUMAR CHETTRI	ushakesh@yahoo.com	9
10.	THINLAY TSHERING	ushakesh@yahoo.com	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	539
Toilet flushing	590
Personal cleaning	0
Washing clothes	0

Cooking	10
Cleaning Utensils	30
Washing Vegetables	8
Mopping floors	0
Gardening	30
Total	1207

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?

Panchayat

4 Does your school get daily water supply?

Yes

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

19-24 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?	No
If your school has an eco-club, do they have water component?	No
Do all tanks in the school have float valves installed to stop overflow?	No
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?	No
Does your school encourage bottled water for drinking water?	No

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?	No
Any other step taken for water conservation? (if Yes, please specify)	No

No documents uploaded by the school.

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).

30

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)?	No
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?

5

9 How many hand pumps do you have?

0

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

4

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

	Girls	Boys	Common	Total
Number of toilets	2	2	0	4

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

0

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

0

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

Once 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?

No

18(a) Please specify the fate of wastewater

Wastewater flows directly to the drains

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	NANDITA PARIHAR	pariyarnandita@gmail.com
2.	KALPANA SHARMA	kalpanasharma2601@gmail.com

Administrative staff

Sno.	Name	Email
1.	T,B CHETTRI	ushakesh@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	MANISHA GURUNG	ushakesh@yahoo.com	10
2.	AMRITA RAI	ushakesh@yahoo.com	10
3.	DHA LAMU SHERPA	ushakesh@yahoo.com	9
4.	MINGMA DIKI SHERPA	ushakesh@yahoo.com	9
5.	MENUKA CHETTRI	ushakesh@yahoo.com	9
6.	SUK MAYA RAI	ushakesh@yahoo.com	10
7.	BHANU GURUNG	ushakesh@yahoo.com	9

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

1 Does your school segregate solid waste?

No

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	10	0	10	0	0
Playgrounds	1	1	0	0	0
Common area (e.g. reception, corridors)	2	0	2	0	0

Staffroom	2	0	2	0	0
Laboratory	1	0	1	0	0
Canteen	1	0	1	0	0
Clinic/ Sick room	0	0	0	0	0
Library	1	0	1	0	0
Toilets	0	0	0	0	0
Others	0	0	0	0	0
Total	18	1	17	0	0

No documents uploaded by the school.

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	4.5
Kitchen waste	3.5
Paper	4
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	12

No documents uploaded by the school.

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?

No

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?

Open dumping

No documents uploaded by the school.

9

Does your school burn waste?

Yes

Supporting Documents

1. IMG-20161116-WA0008.jpg

9a

Where does your school burn waste?

Inside the school

9b

What kind of waste is being burnt/ incinerated?

Paper

10

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

	Total	Working conditions	Non-working condition
TVs	0	0	0
VCR or DVD players	0	0	0
Refrigerators and freezers	0	0	0
Washing machines	0	0	0
Air conditioners	0	0	0
Heaters	0	0	0
Microwaves	0	0	0
Ovens	0	0	0
Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	8	5	3

Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	1	1	0
Copying equipment (Photocopiers)	0	0	0
Projectors	0	0	0
Whiteboards	1	1	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	0	0	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	0	0	0
Pay telephones	0	0	0
Mobiles	0	0	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?

No

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

Supporting Documents

1. IMG-20161116-WA0008.jpg
2. IMG-20161116-WA0007.jpg



FEEDBACK

1

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

No

2

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

Yes

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?

sufficient facilities and competitive staff should be provided.

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

Would your school like to recommend any topic/s that you strongly feel should be added or deleted in the audit?

No

10

Could you finish all the tasks in given period of time online?

Yes

11

How many times did you contact the Green Schools Programme Team for guidance and counseling?

Never

12

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?

Yes

13

Did your students enjoy doing the Water activities?

Yes

13(a)

How many students were involved in the activities?

10.00

Checklist of uploaded documents

1. Pictures of burning waste
2. Pictures of respective audit teams doing survey