



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: NAMPHOK SECONDARY SCHOOL
Address: MANGLAY SINCHUTHANG PO
MANGLAY, SOUTH SIKKIM, NAMCHI,
South District, Sikkim, India
Coordinator Name: T N SHARMA



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

NAMPHOK SECONDARY SCHOOL

2

Address

MANGLAY SINCHUTHANG PO MANGLAY, SOUTH SIKKIM, NAMCHI, South District, Sikkim, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) (NUMBER) 00

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9932294770

5

Principal Name

Anita sewa

6

GSP Coordinator Name

T N SHARMA

7

GSP Coordinator Email

ttaannu123@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9733267033

9

Category Of The School

Day Scholar

10

School Shifts

Both

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	165	163	328
Teachers	7	11	18
Non-Teaching Staff	5	1	6
TOTAL	177	175	352

4(b) How many visitors visit your school

100

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

211

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

Sep, Oct, Nov

7 Where is the school located?

Rural Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	h.b chettri	h.b chettri

Administrative staff

Sno.	Name	Email
1.	arjun rasaily	
2.	h.b chettri	harkachettri285@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	anup rai		
2.	tulasha limboo		
3.	buddha maya limboo		
4.	binita limboo		
5.	preetam rai		
6.	suk moti limboo		
7.	mon kumari chettri		
8.	rohit chettri		
9.	ashish chettri		

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)
1	1,307.00	726.00	55.55
2	1,056.00	594.00	56.25

3	1,056.00	594.00	56.25
4	1,056.00	594.00	56.25
5	1,056.00	594.00	56.25
6	1,386.00	693.00	50.00
7	1,386.00	693.00	50.00
8	1,386.00	693.00	50.00
9	1,386.00	693.00	50.00
10	1,386.00	693.00	50.00
TOTAL	12,461.00	6,567.00	

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?

School does not use or own 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	00	00	00	0
Public Bus	00	00	00	0
School Transport(Other than bus)	00	00	00	0
Public transport (other than bus, Metro, car pool)	00	00	00	0
Taxi four-wheeler	00	00	00	0
Taxi three-wheeler	00	00	00	0
Personal four-wheeler	00	00	00	0
Personal two-wheeler	00	00	00	0
Bicycle	00	00	00	0
On foot	328	18	6	352

Others (non-motorised)	00	00	00	0
SUB-TOTAL	328	18	6	352

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.	h.b limboo	anmol.rabangla55@gmail.com

Administrative staff

Sno.	Name	Email
1.	pravesh basnett	anujbasnettyangang@yahoo.com
2.	anita sewa	

Students

Sno.	Name	Email	Grade/Class
1.	pintu prasad	anmol.rabangla55@gmail.com	10
2.	srijana chettri		10
3.	milan sharma		8
4.	hem prasad		10
5.	vijay limboo		8
6.	sabina rai		10
7.	tika maya sherma		10
8.	netra kumar chettri		8
9.	alina limboo		9
10.	dil kumari dahal		8

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?

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)	50	180.00	2
Electricity from generator (diesel) (litres)	00	0.00	0
Petrol (litres)	00	0.00	0
Diesel (litres)	00	0.00	0
CNG (kilogrammes)	00	0.00	0
Kerosene (litres)	00	0.00	0
Coal (kilogrammes)	00	0.00	0
Wood (kilogrammes)	750	13200.00	5
Animal waste (kilogrammes)	00	0.00	0
Solar (kwh)	00	0.00	0
Wind (kwh)	00	0.00	0
LPG (kilogrammes)	30	1548.00	2
Piped Natural Gas (kilogrammes)	00	0.00	0
TOTAL	830.00	14928.00	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
--	--------	------	-----------------

Air Conditioners	00	00	00
Refrigerator	00	00	00
Microwave	00	00	00
Tube Lights	7	3	60watt
CFL Bulbs	00	00	00
LED Lights	00	00	00
Fans	27	25big.2small	250

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?

130

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.	sonam tseten bhutia	sonamtseten@gmail.com
2.	sangkit lepcha	sangkit@gmail.com

Administrative staff

Sno.	Name	Email
1.	phigoo bhutia	
2.	pema dorjee bhutia	
3.	pravesh basnet	
4.	L.P Limboo	

Students

Sno.	Name	Email	Grade/Class
1.	Mausum Limboo		9
2.	Pramila Limboo		9
3.	Geeta Darjee		9
4.	Manisha Rai		9
5.	Shova Chettri		9
6.	Puni Maya Chettri		10
7.	Nakul Rai		10
8.	Pragati Chettri		8
9.	Kamala Chettri		9
10.	Menuka Chettri		9

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	10	1500	9
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	8	1000	9
Potato fries and Burgers	0	0	0
Confectionery items (chocolate, candies, gums)	8	400	9
Ice-cream	0	0	0
Carbonated beverages	0	0	0
Sugar sweetened noncarbonated beverages	0	0	0
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	0	0
Packaged/Bottled Energy Drinks	0	0	0

No documents uploaded by the school.

4

Does your school serve traditional Indian snacks?

No

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?

No

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

Supporting Documents

1. IMG_20723.jpg



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	C.B Azad	cb.azad@gmail.com

Administrative staff

Sno.	Name	Email
1.	cb.azad	
2.	lp.limboo	

Students

Sno.	Name	Email	Grade/Class
1.	Aiti maya limboo		10
2.	Arpan Rai		10
3.	Rakesh Chettri		10
4.	Son Bdr Limboo		10
5.	Rakesh Chettri		10
6.	Sabita Chettri		10
7.	Ramesh Chettri		10
8.	Suk Raj Rai		10
9.	Padam Bdr Kami		10
10.	Nim Tshering Lepcha		10

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

1

Complete the table:

	Your school's area
Site area in square meter (m2)	5,280
Ground coverage area	9,180
Green landscaped area on-ground	5,132
Surface parking area	0

Play area that is paved/ concrete on ground	9,180
Play area that has grass on ground	820
Service Area on ground	9,180
Roof and terrace area	519
Green cover on exposed roof & terrace	0
Total built up/constructed area	4,246
Total no. of floors	5
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	12	00	12
Animals	00	00	0

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.	T.N Sharma	ttaanu@gmail.com
3.	Pema dorjee Bhutia	pd.bhutia@gmail.com

Administrative staff

Sno.	Name	Email
1.	Anita sewa	
2.	Hb Chettri	
3.	Pravesh Basnet	
4.	Pigoo Bhutia	
5.	Lp limboo	

Students

Sno.	Name	Email	Grade/Class
1.	abishan sharma		9
2.	raju rai		9
3.	bina darjee		9
4.	yam kumari basnet		9
5.	surja bdr rai		9
6.	puspha raj		9
7.	sandeep prasad		9
8.	laxmi lama		9
9.	rajesh rai		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	656

Toilet flushing	620
Personal cleaning	6560
Washing clothes	50
Cooking	49
Cleaning Utensils	63
Washing Vegetables	14
Mopping floors	71
Gardening	35
Total	8118

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

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

Ground 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

2-6 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?	Yes

Does your school use appliances with a quick-wash setting?	Yes
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?	Yes
Does your school use a drip or irrigation system?	No
Any other step taken for water conservation? (if Yes, please specify)	No

Supporting Documents

1. IMG_20161029_2046.jpg
2. IMG_20161021_120547.jpg
3. IMG_20161021_120410.jpg
4. IMG_20161021_120338.jpg
5. IMG_20161021_115900.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).

85

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?

2

9 How many hand pumps do you have?

0

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

6

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

	Girls	Boys	Common	Total
Number of toilets	4	2	2	8

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

2

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

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?

No

18(a)

Please specify the fate of wastewater

Wastewater flows directly to the drains

Supporting Documents

1. DSC00587.jpg



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	g.m cinturi	gangacintury@gmail.com
2.	parbati gautam	gautamparbati5@gmail.com

Administrative staff

Sno.	Name	Email
1.	sasi kala limboo	
2.	anita sewa	

Students

Sno.	Name	Email	Grade/Class
1.	bishal limboo		10
2.	amrit chettri		9
3.	januka dhakal		10
4.	santosh dahal		10
5.	ranjana chettri		10
6.	anjana chettri		8
7.	dil kumari dahal		8
8.	yamuna chettri		8
9.	tilok chettri		8
10.	pravesh dhakal		9

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

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	30	10	10	10	0
Playgrounds	1	1	0	0	0
Common area (e.g. reception, corridors)	2	2	0	0	0
Staffroom	2	2	0	0	0
Laboratory	1	1	0	0	0
Canteen	1	1	0	0	0
Clinic/ Sick room	0	0	0	0	0
Library	1	1	0	0	0
Toilets	2	2	0	0	0
Others	0	0	0	0	0
Total	40	20	10	10	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	01
Kitchen waste	150
Paper	15
Plastic	05
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0

Sanitary waste	10
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	181

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

No documents uploaded by the school.

9a

Where does your school burn waste?

Outside the school

9b

What kind of waste is being burnt/ incinerated?

PlasticPaper

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	1	1	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)	0	0	0
Laptop computer (CPU, mouse, screen and keyboard included)	4	3	1
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	1	1	0
Copying equipment (Photocopiers)	1	1	0
Projectors	1	1	0
Whiteboards	5	5	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?

No

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?

August 2015

1(b)

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

2 times

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?

release of fund to achive vision of national green school programee

8

How would you rate the overall design of the audit?

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

Orientation for conducting tasks	Average
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>More than twice</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. Picture of Mid-day meal being served
2. Pictures of dustbins in classroom showing segregation at source
3. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc