



# GREEN SCHOOLS PROGRAMME

## Responses for Green Schools Programme Audit 2016

**School Name:** Neya Broom  
**Address:** Government Secondary School, South  
Sikkim, Niya, South District, Sikkim, India  
**Coordinator Name:** Ms. R S Bhandari



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**

Neya Broom

2

**Address**

Government Secondary School, South Sikkim, Niya, South District, Sikkim, India

3

**Telephone Number (Landline Number with STD code)**

(ISD) 91 (STD) 3595 (NUMBER) 111111

4

**Mobile Number (Mobile Number with STD code)**

(ISD) 91 (Number) 8906291387

5

**Principal Name**

P R Sharma (Rizal)

6

**GSP Coordinator Name**

Ms. R S Bhandari

7

**GSP Coordinator Email**

ratnasbhandari@gmail.com

8

**GSP Coordinator Mobile Number**

(ISD)91 (Number) 8906291387

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	150	121	271
Teachers	10	7	17
Non-Teaching Staff	4	1	5
TOTAL	164	129	293

4(b) How many visitors visit your school

10

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

222

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

Oct, Nov

7 Where is the school located?

Rural Area



## AIR

### Task 1: Air Audit Team

#### Teachers

Sno.	Name	Email
1.	Mr. B.S. Dahal	Mr. B.S. Dahal
2.	-	-
3.	-	-

#### Administrative staff

Sno.	Name	Email
1.	Mr. C.K. Bhandari	neyabschool@gmail.com
2.	-	-
3.	-	-
4.	-	-
5.	-	-

#### Students

Sno.	Name	Email	Grade/Class
1.	Mahendra Kwar	neyabschool@gmail.com	10
2.	Manita Sherpa	neyabschool@gmail.com	10
3.	Shivam Shaw	neyabschool@gmail.com	9
4.	Padam Bdr. Gurung	neyabschool@gmail.com	9
5.	Mingma Dawa Sherpa	neyabschool@gmail.com	9
6.	Prabesh Khanal	neyabschool@gmail.com	9
7.	Usha Thapa	neyabschool@gmail.com	9
8.	Dawa Lakhi Sherpa	neyabschool@gmail.com	9
9.	Uma Devi Adhikari	neyabschool@gmail.com	9
10.	Srijana Sharma	neyabschool@gmail.com	9

### 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)
Primary + I	220.00	180.00	81.82
II	144.00	144.00	100.00
III	168.00	112.00	66.67
IV	225.00	135.00	60.00
V	336.00	336.00	100.00
VI	320.00	180.00	56.25
VII	320.00	200.00	62.50
VIII	320.00	200.00	62.50
IX	792.00	363.00	45.83
X	1,400.00	363.00	25.93
TOTAL	4,245.00	2,213.00	

### 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	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	0	0	0	0

Taxi three-wheeler	0	0	0	0
Personal four-wheeler	0	0	0	0
Personal two-wheeler	0	0	0	0
Bicycle	0	0	0	0
On foot	271	17	5	293
Others (non-motorised)	0	0	0	0
<b>SUB-TOTAL</b>	<b>271</b>	<b>17</b>	<b>5</b>	<b>293</b>

### 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.	Hissay Jangmu Bhutia	neyabschool@gmail.com
2.	Shreeja Sharma	neyabschool@gmail.com
3.	-	-

#### Administrative staff

Sno.	Name	Email
1.	-	-
2.	-	-
3.	-	-
4.	-	-
5.	-	-

#### Students

Sno.	Name	Email	Grade/Class
1.	Anil Limboo	neyabschool@gmail.com	10
2.	Baby Chhetri	neyabschool@gmail.com	10
3.	Arati Chhetri	neyabschool@gmail.com	9
4.	Santi Chhetri	neyabschool@gmail.com	9
5.	Bandhana Sharkar	neyabschool@gmail.com	9
6.	Mon Maya Sharma	neyabschool@gmail.com	9
7.	Santosh Basnett	neyabschool@gmail.com	9
8.	Milan Chhetri	neyabschool@gmail.com	9
9.	Bhawani Shankar	neyabschool@gmail.com	9
10.	Kumar Basnett	neyabschool@gmail.com	9

### 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)	0	0.00	0
Electricity from generator (diesel) (litres)	0	0.00	0
Petrol (litres)	0	0.00	0
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)	3	52.80	3
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	3.00	52.80	

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	0	0	0
CFL Bulbs	10	18	5
LED Lights	0	0	0
Fans	0	0	0

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?

75

6

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

Yes

6(a)

Name the alternate sources of energy employed/ installed in your school?

, Hydro

No documents uploaded by the school for energy chapter.



## FOOD

### Task 1: Food Audit Team

#### Teachers

Sno.	Name	Email
1.	I. Karki	neyabschool@gmail.com
2.	Dawa Doma Bhutia	neyabschool@gmail.com
3.	-	-

#### Administrative staff

Sno.	Name	Email
1.	-	-
2.	-	-
3.	-	-
4.	-	-
5.	-	-

#### Students

Sno.	Name	Email	Grade/Class
1.	Ashish Gurung	neyabschool@gmail.com	10
2.	Abi Maya Chettri	neyabschool@gmail.com	10
3.	Bimal Adhikari	neyabschool@gmail.com	9
4.	Amir Bhandari	neyabschool@gmail.com	9
5.	Sandhya Bhandari	neyabschool@gmail.com	9
6.	Bipana Chhetri	neyabschool@gmail.com	9
7.	Rodha Chhetri	neyabschool@gmail.com	9
8.	Lakpa Tenzing Sherpa	neyabschool@gmail.com	9
9.	Palden Sherpa	neyabschool@gmail.com	9
10.	0	0	0

### 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	0	0	0
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	0	0	0
Potato fries and Burgers	0	0	0
Confectionery items (chocolate, candies, gums)	0	0	0
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?

Yes

7(a)

Please provide the names?

Biscuits, Chocolates, Bread and Sweets

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.	T.R. Manger	neyabschool@gmail.com
2.	Nusang Limboo	neyabschool@gmail.com
3.	-	-

#### Administrative staff

Sno.	Name	Email
1.	-	-
2.	-	-
3.	-	-
4.	-	-
5.	-	-

#### Students

Sno.	Name	Email	Grade/Class
1.	Deepan	neyabschool@gmail.com	10
2.	Tara Limboo	neyabschool@gmail.com	10
3.	Jeewan	neyabschool@gmail.com	9
4.	Prajit	neyabschool@gmail.com	9
5.	Sham Kumar	neyabschool@gmail.com	9
6.	Hom Bdr.	neyabschool@gmail.com	9
7.	Phurba Choki Sherpa	neyabschool@gmail.com	9
8.	Binita Sharma	neyabschool@gmail.com	8
9.	Rachana	neyabschool@gmail.com	8
10.	Shristi	neyabschool@gmail.com	8

### 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)	2,327
Ground coverage area	1,087
Green landscaped area on-ground	674
Surface parking area	0
Play area that is paved/ concrete on ground	186
Play area that has grass on ground	0
Service Area on ground	0
Roof and terrace area	5
Green cover on exposed roof & terrace	334
Total built up/constructed area	371
Total no. of floors	9
Others	46

### 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	500	0	500
Animals	0	0	0

### 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. land 2.jpg
2. land.jpg
3. land1.jpg



## WATER

### Task 1: Water Audit Team

#### Teachers

Sno.	Name	Email
1.	Mr. Y.K. Bhandari	neyabschool@gmail.com
2.	-	-
3.	-	-

#### Administrative staff

Sno.	Name	Email
1.	Mr. B.K. Dahal	-
2.	-	-
3.	-	-
4.	-	-
5.	-	-

#### Students

Sno.	Name	Email	Grade/Class
1.	Sheela Gurung	neyabschool@gmail.com	10
2.	Bishal Rai	neyabschool@gmail.com	10
3.	Gopal Chettri	neyabschool@gmail.com	9
4.	Phurba Limboo	neyabschool@gmail.com	9
5.	Rohan Limboo	neyabschool@gmail.com	9
6.	-	-	0
7.	-	-	0
8.	-	-	0
9.	-	-	0
10.	-	-	0

### 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	813
Toilet flushing	1355
Personal cleaning	813
Washing clothes	0
Cooking	406
Cleaning Utensils	271
Washing Vegetables	100
Mopping floors	0
Gardening	2710
Total	6468

### 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?	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?	No
Are dual flush systems installed in the toilets?	No
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)	Yes

### Supporting Documents

1. water.jpg

## Task 5: Does your school harvest rainwater?

6

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

Yes

6(a)

Does your school harvest different catchments?.

Yes

6(a)(1)

Which is the catchment area being harvested by your school?

Paved

6(b)

How does your school harvest rainwater?

By storing

6(b)(1)

If your school only stores rainwater, please select the use of stored rainwater.

Drinking, Gardening

6(b)(2)

Does your school have rainwater storage tank?

Yes

6(b)(2)(a) Total capacity of storage tank (litres)

2000.00

6(b)(2)(b) Total number of storage tanks

1.00

6(b)(2)(c) Location of tanks:

Over ground

6(b)(2)(d) Material options for tanks

RCC

6(c) How much area in your school is harvested?

10 to 20 per cent

6(d) Please select (from the list given below) the rainwater harvesting structures present in your school

Storage tank

6(e) Rate your catchment on cleanliness:

Average

No documents uploaded by the school.

6(f) Does your school clean your catchment and system (structure?)?

No

6(g) Does your school monitor the rainwater harvesting structure for its efficiency?

No

6(h) What is the trend of groundwater level in your school across the year?

No change

6(i) If your school's RWH structure is more than a year old, is there any improvement in the groundwater quality after the implementation of the RWH structure?

No

## 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?	No
Are there sufficient toilets for men in your school?	No
Are the toilets accessible and safe to use for children?	Yes
Are the toilets accessible and safe to use for differently abled children?	No
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?	No
Is there sufficient light during day time?	No

8

How many drinking water taps do you have?

8

9

How many hand pumps do you have?

0

10

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

0

11

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

	Girls	Boys	Common	Total
Number of toilets	7	2	0	9

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.	Pramod Kumar	neyabschool@gmail.com
2.	-	-
3.	-	-

#### Administrative staff

Sno.	Name	Email
1.	Mr. K.D. Sundas	neyabschool@gmail.com
2.	-	-
3.	-	-
4.	-	-
5.	-	-

#### Students

Sno.	Name	Email	Grade/Class
1.	Janga Bdr. Limboo	neyabschool@gmail.com	10
2.	Hema Chettri	neyabschool@gmail.com	10
3.	Kanchan Limboo	neyabschool@gmail.com	9
4.	John Tamang	neyabschool@gmail.com	9
5.	Janga Hang Limboo	neyabschool@gmail.com	9
6.	Arjun Chettri	neyabschool@gmail.com	9
7.	Bishal Limboo	neyabschool@gmail.com	9
8.	Aptap Limboo	neyabschool@gmail.com	9
9.	Puran Thapa	neyabschool@gmail.com	9
10.	Dalamu Sherpa	neyabschool@gmail.com	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. 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	3	0	0	0	3
Playgrounds	3	0	0	0	3
Common area (e.g. reception, corridors)	3	0	0	0	3
Staffroom	3	0	0	0	3
Laboratory	3	0	0	0	3
Canteen	3	0	0	0	3
Clinic/ Sick room	0	0	0	0	0
Library	3	0	0	0	3
Toilets	3	0	0	0	3
Others	3	0	0	0	3
Total	27	0	0	0	27

### Supporting Documents

1. waste.jpg
2. waste 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	20
Kitchen waste	200

Paper	100
Plastic	50
Wood, glass, metal, classroom furniture	200
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	1000
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	1570

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?

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)?

20.00

5c What is the purpose of the compost that is generated per month?

For 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?

Landfill Site

No documents uploaded by the school.

9

Does your school burn waste?

No

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

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 the curriculum

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?

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?

Net connection for latest information may help for all.

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	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?

Twice

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?

64.00

### Checklist of uploaded documents

1. Picture of Air Quality Monitoring equipment of school
2. Pictures of playground with more than two dustbins