



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: Central School Cooch Behar
Address: NILKUTHI, BABURHAT, COOCH
BEHAR, COOCHBEHAR, West Bengal,
India
Coordinator Name: Mrs. Bijoy Lakshmi Barman



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

Central School Cooch Behar

2

Address

NILKUTHI, BABURHAT, COOCH BEHAR, COOCHBEHAR, West Bengal, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 3582 (NUMBER) 258212

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9434081061

5

Principal Name

Mrs. Jaya Das

6

GSP Coordinator Name

Mrs. Bijoy Lakshmi Barman

7

GSP Coordinator Email

barmanbijoylakshmi@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 8900437999

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	566	472	1038
Teachers	18	6	24
Non-Teaching Staff	5	2	7
TOTAL	589	480	1069

4(b)

How many visitors visit your school

50

5

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

220

6

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

Dec

7

Where is the school located?

Rural Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Mrs.Bjoy Lakshmi Barman	Mrs.Bjoy Lakshmi Barman

Administrative staff

Sno.	Name	Email
1.	Mrs. Jaya Das	dasjaya10@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	KAUSHIK BASU ROY		9
2.	ABHISHEK DAS		9
3.	SAARTHAK SARKAR		9
4.	SOUVIK SARKAR		9
5.	SHUBHAM GHOSH		9
6.	MANAB PAL		9
7.	ARNAB ROY		9
8.	SOVET MAHATO		9
9.	NIRMAL BARMAN		9

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

1 How many classrooms does your school have?

24

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(a,b)	525.00	32.00	6.10
2(a,b)	525.00	32.00	6.10

3(a,b)	525.00	32.00	6.10
4(a,b)	525.00	32.00	6.10
5(a,b)	525.00	32.00	6.10
6(a,b)	525.00	32.00	6.10
7(a,b)	525.00	32.00	6.10
8(a,b)	525.00	32.00	6.10
9(a,b)	525.00	32.00	6.10
10(a,b)	525.00	32.00	6.10
TOTAL	5,250.00	320.00	

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	650	0	0	650
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	0	0	0
Taxi four-wheeler	6	0	0	6
Taxi three-wheeler	3	2	0	5
Personal four-wheeler	30	3	0	33
Personal two-wheeler	5	0	0	5
Bicycle	10	0	0	10
On foot	350	10	0	360

Others (non-motorised)	0	0	0	0
SUB-TOTAL	1054	15	0	1069

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.	Mrs . Bijoy Lakshmi Barman	barmanbijoylakshmi@gmail.com
2.	Mr.G.C. Sarkar	kvgcsarkar@gmail.com
3.	Mr.Mansur Alam	rockout.mansur@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mrs. Jaya Das	dasjaya10@gmail.com
2.	Mr. Uttam Kumar Das	khokan_uk@rediffmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Sapna Singh		10
2.	Mitisat Narjinary		10
3.	Anirban Chakraborty		10
4.	Satabdi Das		10
5.	Swastika Majumdar		10
6.	Kritika Shaw		10
7.	Anubha Pandit		10
8.	Aditya Ch Roy		10
9.	Simran Yadav		10
10.	Nandita Barman		10

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. 2016-11-15-3499.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)	3000	10800.00	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)	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)	14.5	748.20	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	3014.50	11548.20	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	2	1.5 ton	2
Refrigerator	1	160	3

Microwave	0	0	0
Tube Lights	294	4 x 40 w	2
CFL Bulbs	131	15 w	3
LED Lights	0	0	0
Fans	163	56/60 w	2

Supporting Documents

1. IMG_20161115_134535_HDR.jpg
2. IMG_20161115_134624_HDR.jpg
3. IMG_20161115_134557_HDR.jpg
4. IMG_20161115_134636_HDR.jpg
5. DSCN2592.JPG

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

5

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

150

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.	Mrs.Bijoy Lakshmi Barman	barmanbijoylakshmi@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mrs. Jaya Das	dasjaya10@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	ASHA BAKSHI		9
2.	ADITI SANGMA		9
3.	ANSHIKA MANDAL		9
4.	POULAMI BARMAN		9
5.	PREETI BANARJEE		9
6.	RISHU MISHRA		9
7.	TAMASREE ROY		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?

No

2(a)

Do students bring their own lunch from home?

Yes

Supporting Documents

1. 2016-11-17-3503.jpg

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

960.00

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

0.00

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	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?

Yes

6(a) Please provide details

BRITANIA CAKE

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

Yes

7(a) Please provide the names?

MUNCH , PERK

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

No

Supporting Documents

1. DSCN2600.JPG
2. DSC00822.JPG



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Mrs.Bijoy Lakshmi Barman	barmanbijoyllakshmi@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mrs. Jaya Das	dasjaya10@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	TIYASA DUTTA		6
2.	SNEHA SAHA		6
3.	DEBADRITA KAR		6
4.	SATHI BANIK		6
5.	SHREYA DEB		6
6.	DEBJYOTI PANDIT		6
7.	ABHRUP ROY		6
8.	JIBESH MISTRY		6
9.	DOMINIC MURMU		6
10.	SHUBAM BARMAN		6

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)	500
Ground coverage area	200
Green landscaped area on-ground	300
Surface parking area	0

Play area that is paved/ concrete on ground	100
Play area that has grass on ground	100
Service Area on ground	120
Roof and terrace area	120
Green cover on exposed roof & terrace	150
Total built up/constructed area	120
Total no. of floors	2
Others	50

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	200	50	250
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. Building Map.jpg
2. P1011584.JPG
3. DSCN2605.JPG
4. P1011581.JPG
5. DSCN2508.JPG



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Mrs.Bijoy Lakshmi Barman	barmanbijoylakshmi@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mrs. Jaya Das	dasjaya10@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	ANINDITA SAHA		10
2.	ARPITA SAHA		10
3.	PANDIT BISHNU SARAN		10
4.	SUROJIT DAS		10
5.	ARYAN GUPTA		10
6.	VINITA BARMAN		10
7.	UDITA BARMAN		10
8.	LUBNA NAAZ		10
9.	SOUMEN PAL		10
10.	ALOKE DEY BARMAN		10

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	300
Toilet flushing	50
Personal cleaning	20
Washing clothes	0

Cooking	0
Cleaning Utensils	0
Washing Vegetables	0
Mopping floors	20
Gardening	200
Total	590

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?

School's own supply (bore well, rainwater harvesting facility, etc)

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

Supporting Documents

1. DSC00964.JPG
2. big_26_233.jpg
3. IMG_20161115_134636_HDR.jpg
4. DSC00973.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).

500

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?

5

9 How many hand pumps do you have?

1

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	5	5	0	10

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

20

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

3

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

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

Used for groundwater recharge

Supporting Documents

1. DSC00918.JPG.jpg



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. Bijoy Lakshmi Barman	barmanbijoylakshmi@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mrs. Jaya Das	dasjaya10@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	ANIRBAN PAL		9
2.	PRITVIRAJ SHARMA		9
3.	SUROJIT GUHA NIEOGY		9
4.	ROHIT SINGH		9
5.	ABHI SAHA		9
6.	BISWAJIT DEY		9
7.	KOUSHIK MAJUMDAR		9
8.	ADITYA SRESTHA		9
9.	PARMANAND BARMAN		9
10.	TOUSHIF AHMED		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	1	1	0	0	0
Playgrounds	3	3	0	0	0
Common area (e.g. reception, corridors)	5	5	0	0	0
Staffroom	1	1	0	0	0
Laboratory	1	1	0	0	0
Canteen	2	2	0	0	0
Clinic/ Sick room	1	1	0	0	0
Library	1	1	0	0	0
Toilets	1	1	0	0	0
Others	5	5	0	0	0
Total	21	21	0	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	20
Kitchen waste	0
Paper	2
Plastic	2
Wood, glass, metal, classroom furniture	2
E-waste	0
Biomedical waste	1
Sanitary waste	3

Construction and Demolition (C & D) waste	5
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	35

Supporting Documents

1. DSCN2476.JPG
2. DSC00020.JPG
3. DSCN2599.JPG
4. 2016-11-17-3505.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

Supporting Documents

1. DSCN2599.JPG

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)?

4.00

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)	✗	✗	✓	✗

Supporting Documents

1. DSCN2476.JPG

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)

Supporting Documents

1. DSCN2476.JPG

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	1	1	
VCR or DVD players	0	0	
Refrigerators and freezers	1	1	
Washing machines	0	0	
Air conditioners	2	2	
Heaters	2	2	
Microwaves	0	0	
Ovens	0	0	
Toasters	0	0	
Electric Kettles	0	0	
Personal computers (CPU, mouse, screen and keyboard included)	65	50	15
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	
Notebook computers	0	0	
Notepad computers	0	0	
Printers	4	4	
Copying equipment (Photocopiers)	3	3	
Projectors	4	1	3
Whiteboards	2	2	
Electrical & electronic typewriters	0	0	
Pocket & desk calculators	0	0	
Fax machines	1	1	
Telex	0	0	
Telephones	2	2	
Pay telephones	0	0	
Mobiles	30	30	

Answering systems

0

0

Supporting Documents

1. big_21_205.jpg

11

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

Yes

Supporting Documents

1. 2016-11-17-3507.jpg
2. 2016-11-17-3508.jpg
3. IMG_20161117_143213.jpg
4. IMG_20161117_143230.jpg

11a

Who collects your e-waste, when not in working condition?

Kabadiwalla/ Scrapdealer

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

Supporting Documents

1. DSC00005.JPG

13a

What form do these awareness drives take?

By the showcasing of posters and stickers

14

Is the study of the environment integrated into the curriculum?

Yes

Supporting Documents

1. DSCN2599.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?

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?

YES

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?

Yes

9(a) If yes, please share your suggestions.

SOLAR ENERGY, BIO DEGRADABLE SYSTEM, COMPOSTING

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?

200.00

Checklist of uploaded documents

1. Electricity Bill
2. Picture of 5 star appliances used by school
3. Photographs of lunch boxes
4. Pictures of Green Cover
5. Pictures of landscaped area
6. Building construction plan
7. Pictures of dustbins in classroom showing segregation at source
8. Pictures of playground with more than two dustbins
9. Picture of audit team weighing solid waste
10. Pictures of housekeeping staff disposing different types of solid waste
11. Certificate of disposing e-waste from authorised dealer/dismantler
12. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
13. Pictures of respective audit teams doing survey