

Responses for Green Schools Programme Audit 2016

School Name: GMS Naya Gaon

Address: Village Naya Gaon, P.O Barwala, District

Panchkula, Pin 134118, Barwala,

Panchkula, Haryana, India

Coordinator Name: Sh. Yogender Kumar



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

GMS Naya Gaon

2 Address

Village Naya Gaon , P.O Barwala, District Panchkula, Pin 134118, Barwala, Panchkula, Haryana, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) (NUMBER) 9416224729

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9416987826

5 Principal Name

Smt. Meena Saini

6 GSP Coordinator Name

Sh. Yogender Kumar

GSP Coordinator Email

gmsnayagaon2014@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9416987826

Category Of The School

Day Scholar

10 School Shifts

Morning

GENERAL QUESTIONS

How many levels does your school have?

Lowest level of grade:6 Highest level of grade:8

ls your school single gender or mixed gender?

Mixed/Co-education

Which board of education does the school follow?

State Board of Education (please select name of your state from the list below if applicable) State: Haryana

Total permanent population of the school

	Male	Female	Total
Students	16	13	29
Teachers	1	3	4
Non-Teaching Staff	0	2	2
TOTAL	17	18	35

4(b) How many visitors visit your school

5

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

232

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

Nov

Where is the school located?

Rural Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	SUNITA RANI	SUNITA RANI
2.	YOGENDER KUMAR	gmsnayagaon2014@gmail.com
3.	SHARANJIT KAUR	gmsnayagaon2014@gmail.com

Administrative staff

Sno.	Name	Email
1.	MEENA SAINI	gmsnayagaon2014@gmail.com
2.	YOGENDER KUMAR	gmsnayagaon2014@gmail.com
3.	SUNITA RANI	gmsnayagaon2014@gmail.com
4.	SHARANJIT KAUR	gmsnayagaon2014@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SANJANA	gmsnayagaon2014@gmail.com	8
2.	KAJAL	gmsnayagaon2014@gmail.com	8
3.	MUMTAZ	gmsnayagaon2014@gmail.com	8
4.	DEEPAK	gmsnayagaon2014@gmail.com	8
5.	NEHA	gmsnayagaon2014@gmail.com	8
6.	MANISHA	gmsnayagaon2014@gmail.com	7
7.	SUNDARI	gmsnayagaon2014@gmail.com	7
8.	ROHIT	gmsnayagaon2014@gmail.com	7

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

How many classrooms does your school have?

4

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)
6	71.41	9.00	12.60
7	71.41	9.00	12.60
8	71.41	9.00	12.60
Science Room	71.41	9.00	12.60
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
TOTAL	285.64	36.00	

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

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?

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	1	0	1
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	1	0	1
Personal two-wheeler	0	2	0	2
Bicycle	1	0	0	1
On foot	28	0	2	30
Others (non-motorised)	0	0	0	0
SUB-TOTAL	29	4	2	35

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



0

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.	MEENA KUMARI SAINI	gmsnayagaon2014@gmail.com
2.	SUNITA RANI	gmsnayagaon2014@gmail.com
3.	YOGENDER KUMAR	gmsnayagaon2014@gmail.com

Administrative staff

Sno.	Name	Email
1.	MEENA KUMARI SAINI	gmsnayagaon2014@gmail.com
2.	SUNITA RANI	gmsnayagaon2014@gmail.com
3.	YOGENDER KUMAR	gmsnayagaon2014@gmail.com
4.	SHARANJIT KAUR	gmsnayagaon2014@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	HARPREET KAUR	gmsnayagaon2014@gmail.com	6
2.	ARMAN	gmsnayagaon2014@gmail.com	6
3.	KAJAL	gmsnayagaon2014@gmail.com	8
4.	SANJANA	gmsnayagaon2014@gmail.com	8
5.	DEEPAK	gmsnayagaon2014@gmail.com	8
6.	NEHA	gmsnayagaon2014@gmail.com	8
7.	MANISHA	gmsnayagaon2014@gmail.com	7
8.	TARNPREET	gmsnayagaon2014@gmail.com	7
9.	ROHIT	gmsnayagaon2014@gmail.com	7

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. IMG-20161115-WA0018.jpg

Does your school have its own vehicles?

No

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)	70	252.00	3
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)	14.2	732.72	1
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	84.20	984.72	

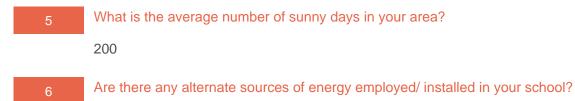
No documents uploaded by the school.

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	6	15	1
LED Lights	0	0	0
Fans	6	60	1

No

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



No documents uploaded by the school for energy chapter.



Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	SHARANJIT KAUR	gmsnayagaon2014@gmail.com
2.	YOGENDER KUMAR	gmsnayagaon2014@gmail.com
3.	SUNITA RANI	gmsnayagaon2014@gmail.com

Administrative staff

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2.	SHARANJIT KAUR	gmsnayagaon2014@gmail.com
3.	YOGENDER KUMAR	gmsnayagaon2014@gmail.com
4.	SUNITA RANI	gmsnayagaon2014@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	MANISHA	gmsnayagaon2014@gmail.com	7
2.	JASHNAPREET	gmsnayagaon2014@gmail.com	7
3.	SUNDARI	gmsnayagaon2014@gmail.com	7
4.	DEEPAK	gmsnayagaon2014@gmail.com	8
5.	SANJANA	gmsnayagaon2014@gmail.com	8
6.	NISHA	gmsnayagaon2014@gmail.com	8
7.	MANISH	gmsnayagaon2014@gmail.com	6
8.	SADHNA	gmsnayagaon2014@gmail.com	6

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

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

No

Does your school serve midday meals?

Yes

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

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.

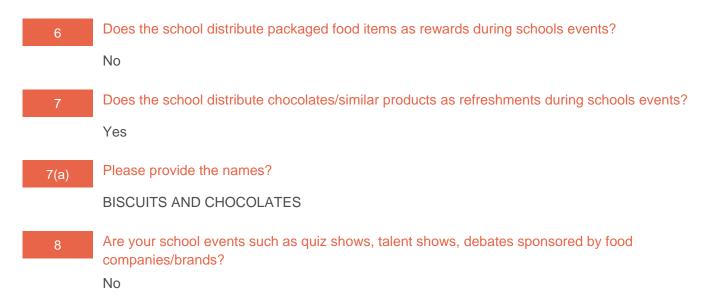
Does your school serve traditional Indian snacks?

No

Does your school serve traditional Indian beverages?

No

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





Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	MEENA KUMARI SAINI	gmsnayagaon2014@gmail.com
2.	SUNITA RANI	gmsnayagaon2014@gmail.com
3.	SHARANJIT KAUR	gmsnayagaon2014@gmail.com

Administrative staff

Sno.	Name	Email
1.	MEENA KUMARI SAINI	gmsnayagaon2014@gmail.com
2.	SUNITA RANI	gmsnayagaon2014@gmail.com
3.	SHARANJIT KAUR	gmsnayagaon2014@gmail.com
4.	YOGENDER KUMAR	gmsnayagaon2014@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	KARAMJIT	gmsnayagaon2014@gmail.com	6
2.	KAMALJIT	gmsnayagaon2014@gmail.com	8
3.	KAMAL	gmsnayagaon2014@gmail.com	6
4.	NEHA	gmsnayagaon2014@gmail.com	8
5.	ANUSHKA	gmsnayagaon2014@gmail.com	6
6.	DEEPAK	gmsnayagaon2014@gmail.com	8
7.	ARMAN	gmsnayagaon2014@gmail.com	6
8.	PARVEEN	gmsnayagaon2014@gmail.com	6
9.	TARNPREET	gmsnayagaon2014@gmail.com	7
10.	NISHA	gmsnayagaon2014@gmail.com	8

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

Complete the table:

	Your school's area
Site area in square meter (m2)	5,063

Ground coverage area	730
Green landscaped area on-ground	2,333
Surface parking area	0
Play area that is paved/ concrete on ground	0
Play area that has grass on ground	2,000
Service Area on ground	0
Roof and terrace area	0
Green cover on exposed roof & terrace	0
Total built up/constructed area	730
Total no. of floors	1
Others	120

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

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

	Native	Exotic	Total
Plants	30	0	30
Animals	11	0	11

Task 4: Find out if your school uses pesticides

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

No

Supporting Documents

- 1. IMG-20161115-WA0007.jpg
- 2. IMG-20161115-WA0009.jpg
- 3. IMG-20161115-WA0006.jpg
- 4. IMG-20161115-WA0014.jpg
- 5. IMG-20161115-WA0016.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	MEENA KUMARI SAINI	gmsnayagaon2014@gmail.com
2.	SHARANJIT KAUR	gmsnayagaon2014@gmail.com
3.	YOGENDER KUMAR	gmsnayagaon2014@gmail.com

Administrative staff

Sno.	Name	Email
1.	MEENA KUMARI SAINI	gmsnayagaon2014@gmail.com
2.	SHARANJIT KAUR	gmsnayagaon2014@gmail.com
3.	YOGENDER KUMAR	gmsnayagaon2014@gmail.com
4.	SUNITA RANI	gmsnayagaon2014@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	DEEPAK	gmsnayagaon2014@gmail.com	8
2.	NISHA	gmsnayagaon2014@gmail.com	8
3.	NEHA	gmsnayagaon2014@gmail.com	8
4.	KAMAJIT	gmsnayagaon2014@gmail.com	8
5.	SANJANA	gmsnayagaon2014@gmail.com	8
6.	HARPREET	gmsnayagaon2014@gmail.com	6
7.	KAMAL	gmsnayagaon2014@gmail.com	6
8.	RAJAN	gmsnayagaon2014@gmail.com	7

Task 2: How much water does your school use?

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	100
Toilet flushing	600

Personal cleaning	300
Washing clothes	0
Cooking	50
Cleaning Utensils	100
Washing Vegetables	30
Mopping floors	50
Gardening	500
Total	1730

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, Rain water

Who supplies the water in your school?

Public Health Engineering Department (PHED)

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?

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?	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?	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-20161115-WA0024.jpg

Task 5: Does your school harvest rainwater?

Do you have Rainwater harvesting (RWH) system in your school? Yes Does your school harvest different catchments?. No How does your school harvest rainwater? By recharging groundwater Does your school have groundwater recharge structure? 6(b)(1) Yes

6(b)(1)(i)

Please share the total number of groundwater recharge structures

1.00

6(b)(1)(ii)

Please tick the type of groundwater recharge structure used in your school:

Percolation pit/tank

How much area in your school is harvested?

10 to 20 per cent

Please select (from the list given below) the rainwater harvesting structures present in your school
Filter unit, Recharge structure

6(d)(1) Where is your filter unit?
Before recharge system

7ypes of filter used in your school:
Sand gravel filter

8(e) Rate your catchment on cleanliness:
Average

Supporting Documents

No

- 1. IMG-20161115-WA0022.jpg
- 2. IMG-20161115-WA0023.jpg
- Types

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

 Yes

 6(f)(1) Please specify when does your school clean the catchment and RWH system?

 Pre-monsoon

 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(f) If your school's RWH structure is more than a year old, is there any improvement in the

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

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

groundwater quality after the implementation of the RWH structure?

	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?	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?	Yes
Is there sufficient light during day time?	Yes

How many drinking water taps do you have?

3

9 How many hand pumps do you have?

0

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

2

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

	Girls	Boys	Common	Total
Number of toilets	2	2	0	4

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

0

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

0

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

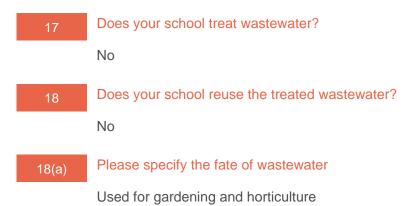
Yes

ls the water supply sufficient?

Yes



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



No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	YOGENDER KUMAR	gmsnayagaon2014@gmail.com
2.	SUNITA RANI	gmsnayagaon2014@gmail.com
3.	SHARANJIT KAUR	gmsnayagaon2014@gmail.com

Administrative staff

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1.	MEENA KUMARI SAINI	gmsnayagaon2014@gmail.com
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3.	SUNITA RANI	gmsnayagaon2014@gmail.com
4.	SHARANJIT KAUR	gmsnayagaon2014@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	ARMAN	gmsnayagaon2014@gmail.com	6
2.	PARVEEN	gmsnayagaon2014@gmail.com	6
3.	KARMJEET	gmsnayagaon2014@gmail.com	6
4.	KAMALJIT	gmsnayagaon2014@gmail.com	8
5.	ROHIT	gmsnayagaon2014@gmail.com	7
6.	HARPREET	gmsnayagaon2014@gmail.com	6
7.	DEEPAK	gmsnayagaon2014@gmail.com	8
8.	MANISH	gmsnayagaon2014@gmail.com	6

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

Does your school segregate solid waste?

Yes

Who segregates the waste at source?

- 1. Students and teachers
- 2. Housekeeping (Sweeper)

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	4	0	4	0	0
Playgrounds	1	0	1	0	0
Common area (e.g. reception, corridors)	0	0	0	0	0
Staffroom	0	0	0	0	0
Laboratory	1	0	1	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	0	0	0	0	0
Library	0	0	0	0	0
Toilets	1	0	1	0	0
Others	1	0	1	0	0
Total	8	0	8	0	0

Supporting Documents

- 1. IMG-20161115-WA0029.jpg
- 2. IMG-20161115-WA0031.jpg

Task 3: How much waste does your school generate?

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

	Collection per month (Frequency may differ)
Garden/ horticulture waste	10
Kitchen waste	20
Paper	3
Plastic	0
Wood, glass, metal, classroom furniture	0

E-waste	0
Biomedical waste	0
Sanitary waste	0.5
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	33.5

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

Does your school recycle any generated waste?

Yes

Please provide quantity of which is applicable. (in kilogram)

	Quantity
Garden/ horticulture waste	10
Kitchen waste	20
Paper	3
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0
Sanitary waste	0.5
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total (in kilogram)	33.5

5a What is the methodology used?

Natural composting without added microbes

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

10.00

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

For school garden

Does your school encourage students & teachers to reuse textbooks?

Yes

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?



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?

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)	1	1	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

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

Yes

No documents uploaded by the school.

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

Kabadiwalla/ Scrapdealer

Task 6: School's initiatives

Does the school have a policy on waste?

No

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

Yes

13a

No documents uploaded by the school.

What form do these awareness drives take?

As part of the curriculum

Is the study of the environment integrated into the curriculum?

Yes

Supporting Documents

- 1. IMG-20161115-WA0003.jpg
- 2. IMG-20161115-WA0004.jpg



1	Has your school participated in the Green Schools Programme (GSP) Audit before?
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No

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

No

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

Yes

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

No

Did you understand the present format of the GSP?

No

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

Yes

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

By training teachers

How would you rate the overall design of the audit?

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

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

No

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

Yes

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

Never

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

Did your students enjoy doing the Water activities?

No

13(a) If no, why?

Due to workload of syllabus and monthly test students did not took any interest

Checklist of uploaded documents

- 1. Electricity Bill
- 2. Picture of Mid-day meal being served
- 3. Pictures of Green Cover
- 4. Pictures of landscaped area
- 5. Building construction plan
- 6. Pictures of dustbins in classroom showing segregation at source
- 7. Picture of audit team weighing solid waste
- 8. Pictures of respective audit teams doing survey