

Responses for Green Schools Programme Audit 2016

School Name: Sauraney JHS

Address: P.O: Assam Lingzey, East Sikkim,

Gangtok, East District, Sikkim, India

Coordinator Name: Deepak Biswakarma



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	/ Ins	stitution
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Sauraney JHS

2 Address

P.O: Assam Lingzey, East Sikkim, Gangtok, East District, Sikkim, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 03592 (NUMBER) 280381

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9647859825

5 Principal Name

Mr. T.B. Rai

6 GSP Coordinator Name

Deepak Biswakarma

GSP Coordinator Email

deepakkaustav@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9832469963

Category Of The School

Day Scholar

School Shifts

Both

GENERAL QUESTIONS

How many levels does your school have?

Lowest level of grade:1 Highest level of grade:8

Is 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: Sikkim

Total permanent population of the school

	Male	Female	Total
Students	33	46	79
Teachers	6	12	18
Non-Teaching Staff	1	1	2
TOTAL	40	59	99

How many visitors visit your school

3

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

233

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

April

Where is the school located?

Rural Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Mr. Bhupen chettri	Mr. Bhupen chettri
2.	Mr. Deepak biswakarma	deepakkaustav@gmail.com
3.	Mrs. Puspa Kri. Sharma	puspakumarisharma41@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. T.B. Rai	tikabdrr239@gmail.com
2.	Mr. Deepak Biswakarma	deepakkaustav@gmail.com
3.	Mrs. Puspa Kumari Sharma	puspakumarisharma41@gmail.com
4.	Mr. Palden Lepcha	paldenlepcha87682@gmail.com
5.	Mr. H.L. Sharma	Hemlallsharma@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	AnjaliManger	anjalimanger02@yahoo.com	8
2.	Anish Chettri	Anishchettri@gmail.com	8
3.	Barsha Subba	Barshalimbu99@gmail.com	8
4.	Renuka Sharma	Renukasharma03@yahoo.com	8
5.	karma Lepcha	Karmalepcha28@yahoo.com	8
6.	Suyeksha Sharma	Suyekshasharma03@yahoo.com	8
7.	Iksha Subba	Ikshasubba24@gmail.com	8
8.	Simran Rai	Simranrai04@yahoo.com	8
9.	Manisha Biswakarma	Shankermanisha@yahoo.com	8
10.	Treja Subba	Treejas73@gmail.com	8

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

1

How many classrooms does your school have?

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	140.00	38.00	27.14
2	140.00	38.00	27.14
3	140.00	38.00	27.14
4	140.00	38.00	27.14
5	140.00	38.00	27.14
6	140.00	38.00	27.14
7	280.00	58.00	20.71
8	280.00	58.00	20.71
0	0.00	0.00	0.00
0	0.00	0.00	0.00
TOTAL	1,400.00	344.00	

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	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	2	1	3
Personal two-wheeler	0	2	0	2
Bicycle	0	0	0	0
On foot	79	14	1	94
Others (non-motorised)	0	0	0	0
SUB-TOTAL	79	18	2	99

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



Does the school laboratory have air quality monitoring equipment?

No

No documents uploaded by the school.

If No, is there an air quality monitoring station (private or government) close to your school?

No

6(a)



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	deepak biswakarma	deepakkaustav@gmail.com
3.	Palden lepcha	Paldenlepcha87682@gail.com

Administrative staff

Sno.	Name	Email
1.	Mr. Tika Bdr. Rai	tikabdrr239@gmail.com
2.	Mr. Deepak Biswakarma	deepakkaustav@gmail.com
3.	Mrs. Puspa Kumari Sharma	Puspakumarisharma41@gmail.com
4.	Mr. Palden Lepcha	Paldenlepcha87682@gmail.com
5.	Mr. Hem Lall Sharma	Hemlallsharma@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Karma lepcha	Karmalepcha28@yahoo.com	8
2.	Phurjang lepcha	Phurjanglepcha@yahoo.com	8
3.	Anish chettri	Anishchettri1234@gmail.com	8
4.	Manisha Biswakarma	Shankermanisha@yahoo.com	8
5.	Anjali Manger	Anjalimanger02@yahoo.com	8
6.	Renuka Sharma	Renukasharma03@yahoo.com	8
7.	Treeja Subba	TreejaS73@gmail.com	8
8.	Barsha Subba	Barshalimbu99@gmail.com	8
9.	Suyeksha Sharma	Suyekshasharma03@yahoo.com	8
10.	Iksha Subba	Ikshasubba24@gmail.com	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.

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)	25	90.00	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)	250	4400.00	1
Animal waste (kilogrammes)	0	0.00	0
Solar (kwh)	0	0.00	0
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	5	258.00	1
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	280.00	4748.00	

No documents uploaded by the school.

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	no	00	0
Refrigerator	no	00	0

Microwave	no	00	0
Tube Lights	no	00	0
CFL Bulbs	2	22	5
LED Lights	4	32	5
Fans	2	250	5

Supporting Documents

- 1. IMG_20161105_084751.jpg
- 2. IMG_20161105_084805.jpg
- 3. IMG_20161108_111511.jpg
- 4. IMG_20161108_112002.jpg
- 5. IMG_20161108_111552.jpg

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

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

250

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

No

No documents uploaded by the school for energy chapter.



Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	deepak biswakarma	deepakkaustav@gmail.com
2.	gaybo tasho lepcha	Gaybutasho@gmail.com
3.	palden lepcha	Paldenlepcha87682@gmail.com

Administrative staff

Sno.	Name	Email
1.	Deepak biswakarma	deepakkaustav@gmail.com
2.	Hem Iall Sharma	Hemlallsharma@gmail.com
3.	Sakunta Subba	ushalimbu@357yahoo.com
4.	Bimla Libang	Bimlalibang@gmail.com
5.	Jharna Rai	Jharnarye505@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Barsha Subba	Barshalimbu99@gmail.com	8
2.	Renuka Sharma	Renukasharma03@yahoo.com	8
3.	Treeja Subba	TreejaS73@gmail.com	8
4.	Anjali Thapa	anjalimanger02@yahoo.com	8
5.	Anish Chettri	Anishchettri@gmail.com	8
6.	Simran Rai	Simranrai04@yahoo.com	8
7.	Karma Lepcha	Karmalepcha28@yahoo.com	8
8.	Iksha Subba	Ikshasubba24@gmail.com	8
9.	Phurjang Lepcha	Phurjanglepcha@yahoo.com	8
10.	Manisha Biswakarma	Shankermanisha@yahoo.com	8

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

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

What kind of food is being served / sold in your school

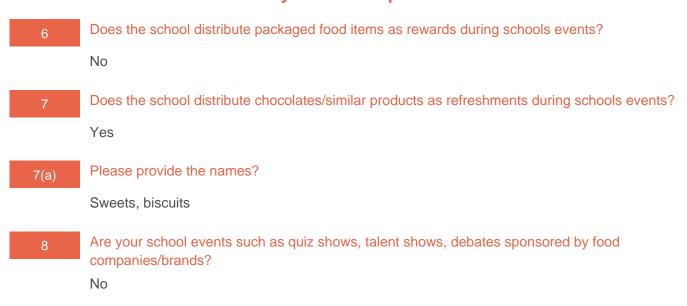
	Please count all flavours/variants available in the school canteen separately	Total number of items sold in a month in the canteen	Month the food items were sold in
Savoury snacks and similar packaged food like chips, Kurkure, Cheetos, potato crisps, corn snacks, nuts and seeds, etc	0	0	0
Instant Noodles 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

Supporting Documents

- 1. IMG_20161108_110122.jpg
- 2. IMG_20161108_110201.jpg
- 3. IMG_20161108_110209.jpg



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



No documents uploaded by the school.



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Mr. Hem Lall Sharma	Hemlallsharma@gmail.com
2.	Mr. Binod Rai	saibinod@gmail.com
3.	Mrs. Munna Lhamu Bhutia	Mlhamu23@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. T. B. Rai	tikabdrr239@gmail.com
2.	Mr. Deepak Biswkarma	deepakkaustav@gmail.com
3.	Mr. Palden Lepcha	Paldenlepcha87682@gmail.com
4.	Mrs. Puspa Kumari Sharma	Puspakumarisharma41@gmail.com
5.	Mrs. Geeta Upreti	Geetaupreti1962@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Anish Chettri	Anishchettri1234@gmail.com	8
2.	Karma Lepcha	Karmalepcha28@yahoo.com	8
3.	Phurjang Lepcha	Phurjanglepcha@yahoo.com	8
4.	Iksha Subba	Ikshashubba24@gmail.com	8
5.	Manisha Biswakarma	Shankermanisha@yahoo.com	8
6.	Anjali Manger	anjalimanger02@yahoo.com	8
7.	Suyaksha Sharma	Suyekshasharma03@yahoo.com	8
8.	Simran Rai	Simranrai04@yahoo.com	8
9.	Treeja Subba	TreejaS73@gmail.com	8
10.	Renuka Sharma	Renukasharma03@yahoo.com	8

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

Complete the table:

1

Site area in square meter (m2)	1,253
Ground coverage area	400
Green landscaped area on-ground	200
Surface parking area	0
Play area that is paved/ concrete on ground	375
Play area that has grass on ground	0
Service Area on ground	0
Roof and terrace area	278
Green cover on exposed roof & terrace	0
Total built up/constructed area	278
Total no. of floors	4
Others	0

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	7	0	7
Animals	5	0	5

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_20161108_110009.jpg
- 2. IMG_20161108_110756.jpg
- 3. IMG_20161108_110801.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	gaybu tasho lepcha	Gaybutasho@gmail.com
2.	munna Ihamu bhutia	Mlhamu23@gmail.com
3.	palden lepcha	Paldenlepcha87682@gmail.com

Administrative staff

Sno.	Name	Email		
1.	Mr. Deepak Biswakarma	deepakkaustav@gmail.com		
2.	Mrs. Puspa Kumari Sharma	Puspakumarisharma41@gmail.com		
3.	Mr. Tika Bdr Rai	tikabdr239@gmail.com		
4.	Mr. Palden Lepcha	Paldenlepcha87682@gmail.com		
5.	Mr. H. L. Sharma	Hellallsharma@gmail.com		

Students

Sno.	Name	Email	Grade/Class
1.	Anjali Manger	anjalimanger02@yahoo.com	8
2.	Anish Chettri	Anishchettri@gmail.com	8
3.	Simran Rai	Simranrai04@yahoo.com	8
4.	Suyaksha Sharma	Suyaksharma03@yahoo.com	8
5.	Manisha Biswakarma	Shankermanisha@yahoo.com	8
6.	Phurjang Lepcha	Phurjanglepcha@yahoo.com	8
7.	Karma Lepcha	Karmalepcha28@yahoo.com	8
8.	Iksha Subba	Ikshasubba24@gmail.com	8
9.	Barsha Subba	Barshalimbu99@gmail.com	8
10.	Renuka Sharma	Renukasharma03@yahoo.com	8

Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

Drinking	50
Toilet flushing	100
Personal cleaning	50
Washing clothes	10
Cooking	50
Cleaning Utensils	100
Washing Vegetables	30
Mopping floors	10
Gardening	20
Total	420

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

Where does the water your school uses, come from?

Surface water

Who supplies the water in your school?

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

Does your school get daily water supply?

Yes

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

13-18 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?	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?	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

Supporting Documents

- 1. IMG_20161108_110654.jpg
- 2. IMG_20161108_111543.jpg
- 3. IMG_20161108_112002.jpg
- 4. IMG_20161108_110626.jpg

Task 5: Does your school harvest rainwater?

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?

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

How many drinking water taps do you have?

3

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

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

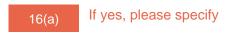
Yes

ls the water supply sufficient?

Yes

Are the toilets cleaned?

Yes



More than twice a day

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

Does your school treat wastewater?

No

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.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email		
1.	Mrs. Jharna Rai	Jharnarye505@gmail.com		
2.	Mrs. M.L.Rai	ManLachiRai6@gmail.com		
3.	Mrs. Bhisma Kumari Khanal	Bhisma.Khanal@yahoo.co.uk		

Administrative staff

Sno.	Name	Email		
1.	Mr. T.B.Rai	tikabdrr239@gmail.com		
2.	Mr. Deepak Biswakarma	deepakkaustav@gmail.com		
3.	Mrs. Puspa Kumari Sharma	Puspakumarisharma41@gmail.com		
4.	Mr. H.L. Sharma	Hemlallsharma@gmail.com		
5.	Mr. Palden Lepcha	Paldenlepcha87682@gmail.com		

Students

Sno.	Name	Email	Grade/Class
1.	Treeja Subba	TreejaS73@gmail.com	8
2.	Barsha Subba	Barshalimbu99@gmail.com	8
3.	Renuka Sharma	Renukasharma03@yahoo.com	8
4.	Manisha Biswakarma	Shankermanisha@yahoo.com	8
5.	Karma Lepcha	Karmalepcha28@yahoo.com	8
6.	Anjali Manger	anjalimanger02@yahoo.com	8
7.	Phurjang Lepcha	Phurjanglepcha@yahoo.com	8
8.	Anish Chettri	Anishchettri1234@gmail.com	8
9.	Simran Rai	Simranrai04@yahoo.com	8
10.	Iksha Subba	Ikshasubba24@gmail.com	8

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

1

Does your school segregate solid waste?

Yes

Who segregates the waste at source?

1. Students and teachers

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	0	1	0	0
Playgrounds	2	0	1	1	0
Common area (e.g. reception, corridors)	5	0	5	0	0
Staffroom	1	0	1	0	0
Laboratory	0	0	0	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	0	0	0	0	0
Total	10	0	9	1	0

Supporting Documents

- 1. IMG_20161108_110539.jpg
- 2. IMG_20161108_111422.jpg
- 3. IMG_20161108_112105.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	0.2

Kitchen waste	1
Paper	0.2
Plastic	0.01
Wood, glass, metal, classroom furniture	0.1
E-waste	0
Biomedical waste	0
Sanitary waste	0.01
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	1.52

No documents uploaded by the school.

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

Does your school recycle any generated waste?

No

Does your school have a composting facility?

No

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?

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?

Yes

Supporting Documents

- 1. burning.jpg
- 2. IMG_20161112_114703.jpg

9a

Where does your school burn waste?

Outside 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)	2	2	0
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	3	3	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	2	2	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
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Supporting Documents

1. IMG_20161108_111622.jpg

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

No

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

No documents uploaded by the school.

What form do these awareness drives take?

As part of extracurricular activities such as guest lectures

Is the study of the environment integrated into the curriculum?

Yes

No documents uploaded by the school.



FEEDBACK

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

No

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

Yes

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

Yes

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

Yes

Did you understand the present format of the GSP?

Yes

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?

Required help for Infrastructure development, and techniques of resources generation and waste management.

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	Average
Orientation for conducting tasks	Good

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?

More than twice

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?

Yes

How many students were involved in the activities?

20.00

Checklist of uploaded documents

- 1. Picture of Mid-day meal being served
- 2. Pictures of landscaped area
- 3. Pictures of dustbins in classroom showing segregation at source
- 4. Pictures of burning waste
- 5. Pictures of Electronic items used by school and storage of non-working electronic items