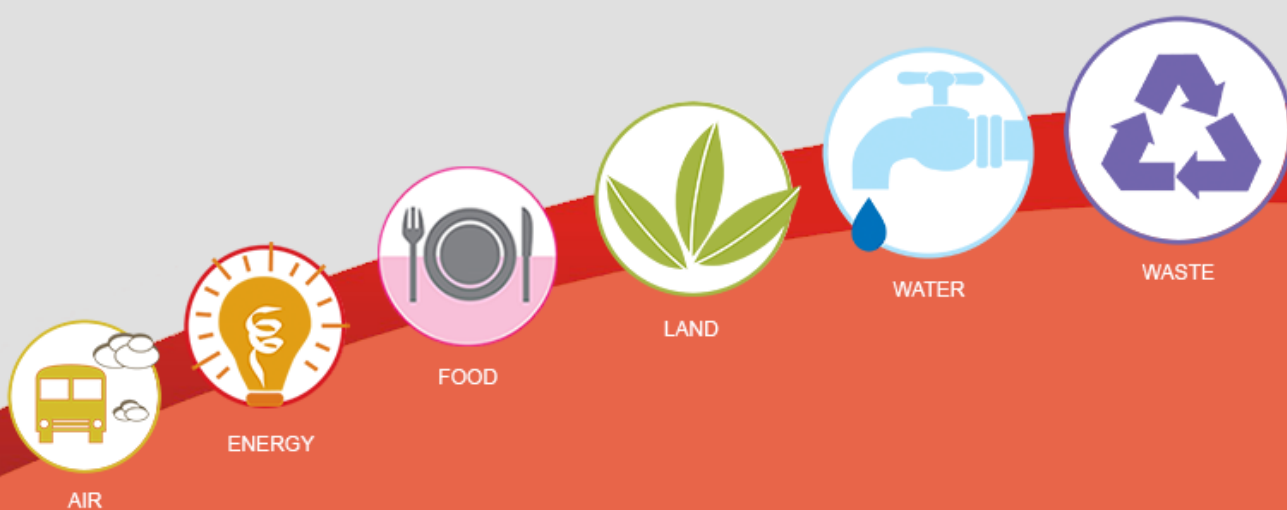




GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: Ashok Memorial Public School
Address: Ashoka Enclave-I PO Amar Nagar,
Ashoka Enclave-I PO Amar Nagar,
FARIDABAD, FARIDABAD, Haryana,
India
Coordinator Name: Mrs kirti Nanoti



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

Ashok Memorial Public School

2

Address

Ashoka Enclave-I PO Amar Nagar, Ashoka Enclave-I PO Amar Nagar, FARIDABAD, FARIDABAD, Haryana, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 0129 (NUMBER) 2277107

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9899559680

5

Principal Name

Mamta Singh

6

GSP Coordinator Name

Mrs kirti Nanoti

7

GSP Coordinator Email

knanoti@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9810775095

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	1663	981	2644
Teachers	11	95	106
Non-Teaching Staff	8	56	64
TOTAL	1682	1132	2814

4(b) How many visitors visit your school

12705

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

231

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

June, July, Aug

7 Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Poornima Rawat	Poornima Rawat
2.	Diya Tripathi	ddt3073@gmail.com

Administrative staff

Sno.	Name	Email
1.	Deepti Tangri	

Students

Sno.	Name	Email	Grade/Class
1.	Akshat Saini		10
2.	Vinayak pandey		10
3.	Hemant Singh		10
4.	Rishabh Jha		9
5.	Rishu Kumar		10
6.	Ankur		10

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

1 How many classrooms does your school have?

67

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)
Class UKG Section A	44.79	4.74	10.58
Class UKG Section D	44.79	7.42	16.57
Class II Section B	44.95	7.42	16.51

Class II Section E	44.99	4.94	10.98
Class IV Section A	44.47	7.42	16.69
Class V Section A	45.75	7.42	16.22
Class VII Section A	44.47	7.42	16.69
Class VIII Section A	44.99	7.42	16.49
Class X Section C	44.99	4.94	10.98
Class XII Section S2	45.75	7.42	16.22
TOTAL	449.94	66.56	

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-owned vehicles

3(a)

Provide details of school-owned motorized vehicles .

	Buses	Cars	Vans	Others	Total
No. of vehicles	9	0	0	0	9
No. of vehicles more than five years old	1	0	0	0	1
Air conditioned	0	0	0	0	0
No. of vehicles with PUC done	9	0	0	0	9
Parking area (m2)	240	0	0	0	240

Supporting Documents

1. 4.jpg
2. 5.jpg
3. 7.jpg
4. DSC_1593.JPG
5. DSC_1594.JPG

3(b)

Specify the type of fuel used by your school vehicles:

	Diesel	Petrol	LPG	CNG	Electric	Hybrid
Bus	0	0	0	9	0	0
Car	0	0	0	0	0	0
Van	0	0	0	0	0	0
Other vehicles	0	0	0	0	0	0
SUB-TOTAL	0	0	0	9	0	0

Supporting Documents

1. 1.jpg
2. 3.jpg
3. 4.jpg
4. 5.jpg
5. 7.jpg

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	514	28	11	553
Public Bus	67	1	0	68
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	6	10	1	17
Taxi four-wheeler	1129	0	0	1129

Taxi three-wheeler	365	6	0	371
Personal four-wheeler	55	11	2	68
Personal two-wheeler	77	22	12	111
Bicycle	66	0	9	75
On foot	359	24	25	408
Others (non-motorised)	6	8	0	14
SUB-TOTAL	2644	110	60	2814

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

5

How many students suffer from respiratory ailments ?

10

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.	Shalini Punj	shal.punj@gmail.com
2.	Shuchita Govil	shuchita.govil@yahoo.com

Administrative staff

Sno.	Name	Email
1.	Kirti Nanoti	knanoti@gmail.com
2.	Seema Sachdeva	seemasachdeva30@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Vinay Kumar		9
2.	Mihir Srivastava		9

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. New Doc 5_1.jpg

2

Does your school have its own vehicles?

Yes

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)	17673.81	63625.72	1
Electricity from generator (diesel) (litres)	1575	71820.00	1
Petrol (litres)	0	0.00	1
Diesel (litres)	6019.88	274506.53	1
CNG (kilogrammes)	14102.96	738995.10	1
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)	80	4128.00	1
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	39451.65	1153075.35	

Supporting Documents

1. New Doc 3.pdf

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	17	2	3
Refrigerator	3	175	3
Microwave	1	20	4
Tube Lights	200	40	0
CFL Bulbs	0	0	0
LED Lights	300	25	0

Fans	594	100	0
------	-----	-----	---

Supporting Documents

1. New Doc 3.pdf

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

5

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

340

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.	Kulwinder Kaur	kulwinder.bn@gmail.com

Administrative staff

Sno.	Name	Email
1.	Deepti	

Students

Sno.	Name	Email	Grade/Class
1.	Adarsh		10
2.	Ambika		9
3.	Ritika Singh		7
4.	Ayushi Kumari		6
5.	Kashish Singh		6
6.	Shubham Rawat		5

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

Yes

2 Does your school serve midday meals?

No

2(a) Do students bring their own lunch from home?

Yes

No documents uploaded by the school.

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

2634.00

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

100.00

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	2	300	8
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)	3	1500	8
Ice-cream	2	150	8
Carbonated beverages	1	150	8
Sugar sweetened noncarbonated beverages	3	300	8
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	1	250	8
Packaged/Bottled Energy Drinks	0	0	0

No documents uploaded by the school.

4 Does your school serve traditional Indian snacks?

Yes

4(a) Please provide the details:

	Number of plates sold when on the menu
Samosas	300
Idli/vada and sambhar	50
Pav bhaji	0
Momos	0
Others	155

4(b) Give descriptions for rare local snacks served in your school:?

Samosa, Bread Pakora

5 Does your school serve traditional Indian beverages?

Yes

5(a) Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	250
Sweet lassi	250
Salted butter milk	0
Aam Panna	0
Others	150

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

Chocolates, Frooti

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

Yes

7(a)

Please provide the names?

Chocolates, Frooti

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.	Neelima Bisht	neelima3976@gmail.com
2.	Sweetie Rani	swty0509@gmail.com

Administrative staff

Sno.	Name	Email
1.	steven	
2.	deepak	
3.	anita narula	
4.	chetram	

Students

Sno.	Name	Email	Grade/Class
1.	Shivani Rawat		8
2.	Tejeshvi Chauhan		8
3.	Disha Aggarwal		8
4.	Ankur Shukla		8
5.	Tanishq Upadhyay		8
6.	Asif Mondal		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 (m ²)	119,035
Ground coverage area	23,345
Green landscaped area on-ground	3,000
Surface parking area	240

Play area that is paved/ concrete on ground	450
Play area that has grass on ground	20,000
Service Area on ground	72,000
Roof and terrace area	23,345
Green cover on exposed roof & terrace	0
Total built up/constructed area	70,035
Total no. of floors	3
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	76	51	127
Animals	15	04	19

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.	Shilpi Dhawan	dhawanshilpi4@gmail.com
2.	Kriti Seghal	kritiseghal92@gmail.com

Administrative staff

Sno.	Name	Email
1.	Naresh kumar	
2.	Stephen	
3.	Sehaj Ram	

Students

Sno.	Name	Email	Grade/Class
1.	Ayan Dagar	adagar506@gmail.com	10
2.	Vishesh	vishes.90@rediffmail.com	10
3.	Prashant	shantprobe@gmail.com	10
4.	Gopi Kumar	royalgopikumar055@gmail.com	10
5.	Mohit Verma	vermamohit130102@gmail.com	9
6.	Babita Sharma	geetasharma1702@gmail.com	10
7.	Pallavi Kumari		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	20000
Toilet flushing	20000
Personal cleaning	4000
Washing clothes	20

Cooking	20
Cleaning Utensils	30
Washing Vegetables	10
Mopping floors	200
Gardening	20000
Total	64280

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, Surface water, Rain water

3 Who supplies the water in your school?

Municipality, 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?	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?	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?	Yes
Any other step taken for water conservation? (if Yes, please specify)	Yes

No documents uploaded by the school.

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?

Rooftop + Paved + Unpaved

6(b) How does your school harvest rainwater?

Combination of both

6(b)(1) If your school only stores rainwater, please select the use of stored rainwater.

Gardening

6(b)(2) Does your school have rainwater storage tank?

No

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

21 to 30 per cent

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

Storage tank, Recharge structure

6(e) Rate your catchment on cleanliness:

Good

No documents uploaded by the school.

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?

Yes

6(g)(1) Please specify when does your school monitor the groundwater level?

Pre-monsoon

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

If there was an increase, please specify

6(h)(1) Please specify how much was the increase?

1-5 metre annually

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?

Yes

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)?	No
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?

48

9 How many hand pumps do you have?

0

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

30

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

	Girls	Boys	Common	Total
Number of toilets	5	7	1	13

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

62

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

2

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. Image %281%29.jpg



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	YOGITA SHARMA	yogitajitender@gmail.com
2.	DEEPANSHI SHARMA	sharma.deepanshi.1992@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mrs. Deepti	dk0088@gmail.com
2.	Mr. Naresh	
3.	Gardener	

Students

Sno.	Name	Email	Grade/Class
1.	Samar Pratap Singh	manoj Singh19720@gmail.com	9
2.	Rohan Kumar Jha	dinbandhu.lic@gmail.com	9
3.	Ayush Kumar Jha	harishankar.jha@rediffmail.com	9
4.	Rishabh Jha		9
5.	Rishav Kumar Jha	rishabhjha30@yahoo.com	9
6.	Shalini Kumari	krishnakumar.sap@gmail.com	9
7.	Sharda Jha	jagda.jha@gmail.com	9
8.	Anisha	dineshkumar.nr26@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. 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	64	0	0	64	0
Playgrounds	1	0	0	0	1
Common area (e.g. reception, corridors)	4	0	0	4	0
Staffroom	2	0	0	2	0
Laboratory	3	0	0	0	3
Canteen	2	0	0	2	0
Clinic/ Sick room	1	1	0	0	0
Library	1	1	0	0	0
Toilets	12	0	0	0	12
Others	4	0	0	0	4
Total	94	2	0	72	20

Supporting Documents

1. 1.JPG
2. 2A.JPG
3. 2B.JPG
4. 2C.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	300
Kitchen waste	30
Paper	150
Plastic	10

Wood, glass, metal, classroom furniture	20
E-waste	2
Biomedical waste	1
Sanitary waste	5
Construction and Demolition (C & D) waste	1000
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	1518

Supporting Documents

1. 3A.JPG
2. 3B.JPG

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

4

Does your school recycle any generated waste?

Yes

4a

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

	Quantity
Garden/ horticulture waste	250
Kitchen waste	30
Paper	138
Plastic	9
Wood, glass, metal, classroom furniture	30
E-waste	2
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0

Total (in kilogram)

459

5 Does your school have a composting facility?

Yes

Supporting Documents

1. 4.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)?

6.00

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	3	3	0
VCR or DVD players	0	0	0
Refrigerators and freezers	3	3	0
Washing machines	0	0	0
Air conditioners	17	11	6
Heaters	0	0	0
Microwaves	1	1	0
Ovens	9	5	4
Toasters	0	0	0
Electric Kettles	0	0	0

Personal computers (CPU, mouse, screen and keyboard included)	53	53	0
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	7	7	0
Copying equipment (Photocopiers)	2	2	0
Projectors	41	41	0
Whiteboards	41	41	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	13	13	0
Fax machines	1	1	0
Telex	0	0	0
Telephones	7	7	0
Pay telephones	0	0	0
Mobiles	125	125	0
Answering systems	0	0	0

Supporting Documents

1. 6 A 1.jpg
2. 6A 2.jpg
3. 6A 3.jpg
4. 6B.JPG

11

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

Yes

No documents uploaded by the school.

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?

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?

No

Supporting Documents

1. 10.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?

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?

regular contact with csc

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?

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?

Once

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?

35.00

Checklist of uploaded documents

1. PUC certificates of not more than five buses
2. Fuel Bills
3. Electricity Bill
4. Picture of Renewable sources of Energy