

Responses for Green Schools Programme Audit 2016

School Name: GOVT. SENIOR SECONDARY SCHOOL,

AGWANPUR, FARIDABAD

Address: VILLAGE AGWANPUR, POST

SEHATPUR, FARIDABAD, FARIDABAD,

Haryana, India

Coordinator Name: VIJAY 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

1	Name	of the	School /	Institution
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GOVT. SENIOR SECONDARY SCHOOL, AGWANPUR, FARIDABAD

2 Address

VILLAGE AGWANPUR, POST SEHATPUR, FARIDABAD, FARIDABAD, Haryana, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) (NUMBER) 9873246794

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9871633324

5 Principal Name

ARJUN YADAV

6 GSP Coordinator Name

VIJAY KUMAR

GSP Coordinator Email

vijaykr181@rediffmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9971446624

Category Of The School

Day Scholar

School Shifts

Morning

GENERAL QUESTIONS

How many levels does your school have?

Lowest level of grade:6 Highest level of grade:12

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	277	255	532
Teachers	7	4	11
Non-Teaching Staff	3	1	4
TOTAL	287	260	547

4(b) How many visitors visit your school

0

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

220

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

July, Aug, Sep, Oct

Where is the school located?

Urban Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	VIJAY KUMAR	VIJAY KUMAR
2.	AJAY GARG	ajaygarg.1968@rediffmail.com
3.	SHREE KRISHAN	helokrish@gmail.com

Administrative staff

Sno.	Name	Email
1.	ARJUN SINGH	nirmalarjun0794@gmail.com
2.	GOPAL KRISHAN	gkkhatri963@yahoo.co.au

Students

Sno.	Name	Email	Grade/Class
1.	AKASH		8
2.	MEHTAB ALAM		8
3.	LUCKY		7
4.	DHANI RAM		9
5.	RAHUL		9
6.	PRATHAM		10
7.	HIMANSHU		10
8.	BHUPENDER		7
9.	DIPANSHU		10
10.	LOKESH		10

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

How many classrooms does your school have?

11

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	35.64	8.65	24.28
7	35.64	8.65	24.28
8	35.64	8.65	24.28
9a	35.64	8.65	24.28
9 b	35.64	8.65	24.28
10	35.64	8.65	24.28
11 science	39.72	7.41	18.65
11 Arts	39.72	7.41	18.65
12 Arts	39.72	7.41	18.65
12 science	39.72	7.41	18.65
TOTAL	372.70	81.55	

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	6	0	6
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	3	1	4
Personal two-wheeler	0	2	2	4
Bicycle	5	0	0	5
On foot	527	0	1	528
Others (non-motorised)	0	0	0	0
SUB-TOTAL	532	11	4	547

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.

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.	shri krishan	helokrish@gmail.com
2.	SURENDER PAL SINGH	surenderpalsingh1976@gmail.com
3.	DIVYAPREET KAUR	divyapreet83@gmail.com

Administrative staff

Sno.	Name	Email
1.	ARJUN SINGH	nirmalarjun0794@gmail.com
2.	GOPAL KRISHAN	gkkhatri963@yahoo.com.au

Students

Sno.	Name	Email	Grade/Class
1.	DHANI RAM		9
2.	ROHIT		9
3.	SHAKTI		9
4.	KAPIL		10
5.	DEEPANSHU	jaimerababa@gmail.com	10
6.	SUMIT KUMAR	kapilkumar1771@gmail.com	10

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. electric bill 001.jpg

Does your school have its own vehicles?

No

	Quantity consumed/monthly average	Energy consumed in Megajoules (MJ)	Type of use
Electricity from the board (kwh)	54.5	196.20	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)	0	0.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	54.50	196.20	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
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Air Conditioners	0	0	0
Refrigerator	0	0	0
Microwave	0	0	0
Tube Lights	2	40	2
CFL Bulbs	6	10	2
LED Lights	0	0	0
Fans	12	40	3

Supporting Documents

- 1. electricity bill 1 001.jpg
- 2. electricity bill 2 001.jpg
- 3. electric bill 001.jpg

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

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

325

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.	ANITA KUMARI	kuanita1971@gmail.com
2.	DIVYA PREET KAUR	divyapreet83@gmail.com

Administrative staff

Sno.	Name	Email
1.	ARJUN SINGH	nirmalarjun0794@gmail.com
2.	GOPAL KRISHAN	gkkhatri963@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	NISHA		12
2.	SARABJEET KAUR		12
3.	VAYANJANA		12
4.	KIRTI		12
5.	pooja		12
6.	PINKI		12
7.	KAVITA		12
8.	RENU		12

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

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

No documents uploaded by the school.

Does your school serve traditional Indian snacks?

No

Does your school serve traditional Indian beverages?

Yes

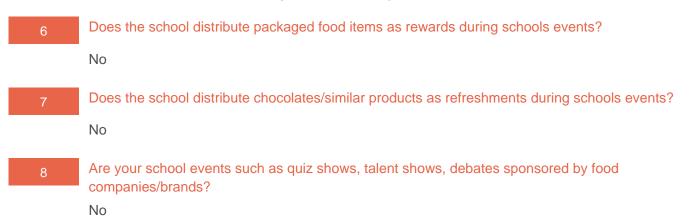
5(a) Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	0
Sweet lassi	0

12 of 27

Salted butter milk	0
Aam Panna	0
Others	6

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
2.	KISHAN LAL PURI	kishanlalpuri@yahoo.com.in

Administrative staff

Sno.	Name	Email
1.	ARJUN SINGH	nirmalarjun0794@gmail.com
2.	GOPAL KRISHAN	gkkhatri963@yahoo.com.au

Students

Sno.	Name	Email	Grade/Class
1.	jaswant		12
2.	YASHVEER		12
3.	RAHUL		12
4.	RAJU		12
5.	ROHIT		12
6.	GUDDU		12
7.	SUSHIL		12
8.	AMAN		12
9.	PRINCE		12
10.	BALRAM		12

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

Complete the table:

	Your school's area
Site area in square meter (m2)	20,000
Ground coverage area	10,000
Green landscaped area on-ground	5,000
Surface parking area	200

Play area that is paved/ concrete on ground	0
Play area that has grass on ground	5,000
Service Area on ground	20,000
Roof and terrace area	8,147
Green cover on exposed roof & terrace	0
Total built up/constructed area	8,147
Total no. of floors	1
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	112	0	112
Animals	0	0	0

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_20161111_083351924.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	DIVYAPREET KAUR	divyapreet83@gmail.com
2.	ANITA KUMARI	kuanita1971@gmail.com
3.	SURENDER PAL	surendarpalsingh1976@gmail.com

Administrative staff

Sno.	Name	Email
1.	ARJUN SINGH	nirmalarjun0794@gmail.com
2.	GOPAL KRISHAN	gkkhatri963@yahoo.com.au

Students

Sno.	Name	Email	Grade/Class
1.	KANISHK		11
2.	KUNAL		11
3.	HIMANSHU		11
4.	LAXMAN		11
5.	RITIK		11
6.	VINAY RAJAN		11
7.	SHASHI		11
8.	NEELAM		11

Task 2: How much water does your school use?

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	1200
Toilet flushing	300
Personal cleaning	50
Washing clothes	0

Cooking	0
Cleaning Utensils	400
Washing Vegetables	0
Mopping floors	100
Gardening	500
Total	2550

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

Where does the water your school uses, come from?

Ground 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

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?	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?	No
Does your school use a drip or irrigation system?	No
Any other step taken for water conservation? (if Yes, please specify)	No

No documents uploaded by the school.

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).

200

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 hand pumps do you have?

2

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

3

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

	Girls	Boys	Common	Total
Number of toilets	3	3	0	6

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

8

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

16(a) If yes, please specify

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

Used for gardening and horticulture

No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	SURENDER PAL SINGH	surenderpalsingh1976@gmail.com
2.	SHRI KRISHAN	helokrish@gmail.com
3.	DIVYA PREET KAUR	divyapreet83@gmail.com

Administrative staff

Sno.	Name	Email
1.	GOPAL KRISHAN	gkkhatri963@yahoo.com.au
2.	ARJUN SINGH	nirmalarjun0794@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	PRATHAM KUSHWAHA		10
2.	ROHIT SINGH		10
3.	GIRDHARI		10
4.	KAPIL		9
5.	RAHUL		9
6.	IMRAN ALI		9

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

Does your school segregate solid waste?

No

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	11	0	11	0	0
Playgrounds	2	0	0	2	0

Common area (e.g. reception, corridors)	2	0	2	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	6	0	4	2	0
Others	0	0	0	0	0
Total	22	0	18	4	0

Supporting Documents

- 1. IMG-20161118-WA0009.jpg
- 2. IMG-20161118-WA0008.jpg
- 3. IMG-20161118-WA0012.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	60
Kitchen waste	0
Paper	15
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0
Sanitary waste	12
Construction and Demolition (C & D) waste	0

Hazardous waste	0
Total Generated Solid Waste (in kilogram)	87

No documents uploaded by the school.

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)

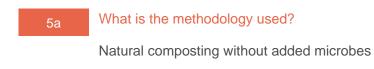
	Quantity
Garden/ horticulture waste	30
Kitchen waste	0
Paper	0
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total (in kilogram)	30

Does your school have a composting facility?

Yes

Supporting Documents

1. IMG-20161118-WA0014.jpg



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

15.00

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?

Don't know

No documents uploaded by the school.

Does your school burn waste?

No

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	1	1	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

Supporting Documents

1. IMG_20161118_105831.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?

By the showcasing of posters and stickers

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) Audi	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?

more financial aid, guidelines from expert time to time

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?

No

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?

Yes

How many students were involved in the activities?

Checklist of uploaded documents

30.00

- 1. Electricity Bill
- 2. Picture of Mid-day meal being served
- 3. Pictures of dustbins in classroom showing segregation at source
- 4. Pictures of playground with more than two dustbins
- 5. Pictures of recycling units composting pit, paper recycling machine, selling paper to kabadiwala, recyclers,etc
- 6. Pictures of Electronic items used by school and storage of non-working electronic items