

Responses for Green Schools Programme Audit 2016

School Name: GSSS SAHIBA

Address: VPO SAHIBA, TEHSIL BALACHAUR D,

BALACHAUR, Shahid Bhagat Singh

Nagar, Punjab, India

Coordinator Name: TARLOCHAN SINGH



Green Schools Programme

Centre for Science and Environment

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Tel: +91-11 29955124, 29956110, 40616000

http://www.greenschoolsprogramme.org/

SCHOOL PROFILE

Name of the School / Institution

GSSS SAHIBA

2 Address

VPO SAHIBA, TEHSIL BALACHAUR D, BALACHAUR, Shahid Bhagat Singh Nagar, Punjab, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 1885 (NUMBER) 232607

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9417870658

5 Principal Name

DALJIT KUMAR

6 GSP Coordinator Name

TARLOCHAN SINGH

GSP Coordinator Email

gsss.sahibaa.sbsn@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9417870658

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: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: Punjab

Total permanent population of the school

	Male	Female	Total
Students	163	108	271
Teachers	14	4	18
Non-Teaching Staff	4	0	4
TOTAL	181	112	293

4(b) How many visitors visit your school

100

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

234

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.	Lehmber Singh	Lehmber Singh
2.	Sanjeev kumar	gsss.sahibaa.sbsn@gmail.com
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Administrative staff

Sno.	Name	Email
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2.	Lehmber Singh	gsss.sahibaa.sbsn@gmail.com
3.	Harmesh Lal	gsss.sahibaa.sbsn@gmail.com
4.	Ravi kumar	gsss.sahibaa.sbsn@gmail.com

Students

Sno.	Name	Email	Grade/Class
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3.	Deepak kumar	gsss.sahibaa.sbsn@gmail.com	10
4.	Manpreet kaur	gsss.sahibaa.sbsn@gmail.com	10
5.	Muskan	gsss.sahibaa.sbsn@gmail.com	9
6.	Chetan singh	gsss.sahibaa.sbsn@gmail.com	9
7.	Preeti	gsss.sahibaa.sbsn@gmail.com	8
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9.	Gaganjit singh	gsss.sahibaa.sbsn@gmail.com	7
10.	Gurpreet singh	gsss.sahibaa.sbsn@gmail.com	6

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

How many classrooms does your school have?

9

Window-floor ratio of classrooms in the school.

2

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	7.00	2.75	39.29
7	6.00	2.50	41.67
8	22.00	7.00	31.82
9-A	6.00	2.50	41.67
9-B	6.00	3.00	50.00
10	7.00	2.75	39.29
11-A	9.00	4.00	44.44
11-B	9.00	4.00	44.44
12	13.00	8.00	61.54
			0.00
TOTAL	85.00	36.50	

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	0	0	0
Personal two-wheeler	8	16	4	28
Bicycle	75	0	0	75
On foot	188	1	0	189
Others (non-motorised)	0	0	0	0
SUB-TOTAL	271	18	4	293

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



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	HARMESH LAL	gsss.sahibaa.sbsn@gmail.com
2.	TARLOCHAN SINGH (MATH)	gsss.sahibaa.sbsn@gmail.com
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Administrative staff

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2.	HARMESH LAL	gsss.sahibaa.sbsn@gmail.com
3.	HARCHARAN SINGH	gsss.sahibaa.sbsn@gmail.com
4.	ALKA RANI	gsss.sahibaa.sbsn@gmail.com

Students

Sno.	Name	Email	Grade/Class
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2.	VAISHALI	gsss.sahibaa.sbsn@gmail.com	12
3.	MANPREET	gsss.sahibaa.sbsn@gmail.com	11
4.	RUBY	gsss.sahibaa.sbsn@gmail.com	11
5.	KAUSHAL	gsss.sahibaa.sbsn@gmail.com	10
6.	REETU KAINTH	gsss.sahibaa.sbsn@gmail.com	10
7.	HARSH	gsss.sahibaa.sbsn@gmail.com	9
8.	RUPINDER KAUR	gsss.sahibaa.sbsn@gmail.com	9
9.	JASPREET KAUR	gsss.sahibaa.sbsn@gmail.com	8
10.	JAGDISH SINGH	gsss.sahibaa.sbsn@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. DSC_0191.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)	5.26	18.94	1
Electricity from generator (diesel) (litres)	5	228.00	1
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)	200	3520.00	1
Animal waste (kilogrammes)	0	0.00	0
Solar (kwh)	0	0.00	0
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	28.4	1465.44	1
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	238.66	5232.38	

Supporting Documents

1. DSC_0207.JPG

	Number	Size	BEE Star Rating
Air Conditioners	0	0	0
Refrigerator	1	165	1
Microwave	0	0	0
Tube Lights	0	0	0
CFL Bulbs	30	25	1
LED Lights	0	0	0
Fans	45	48	1

No documents uploaded by the school.

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

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

200

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.	KARAMJIT SINGH	gsss.sahibaa.sbsn@gmail.com
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Students

Sno.	Name	Email	Grade/Class
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4.	GURJINDER	gsss.sahibaa.sbsn@gmail.com	11
5.	KOMAL	gsss.sahibaa.sbsn@gmail.com	11
6.	GURPREET SINGH	gsss.sahibaa.sbsn@gmail.com	10
7.	PRINCE	gsss.sahibaa.sbsn@gmail.com	10
8.	NIKHIL	gsss.sahibaa.sbsn@gmail.com	9
9.	MEERA RANI	gsss.sahibaa.sbsn@gmail.com	9
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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?

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?

No

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

Does the school distribute packaged food items as rewards during schools events?

No

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

No

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

No

No documents uploaded by the school.



Task 1: Land Audit Team

Teachers

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1.	TARLOCHAN SINGH LECT	gsss.sahibaa.sbsn@gmail.com
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Students

Sno.	Name	Email	Grade/Class
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5.	DEEPAK	gsss.sahibaa.sbsn@gmail.com	10
6.	MEGHA	gsss.sahibaa.sbsn@gmail.com	10
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Task 2: Measure the four critical areas of your school campus

Complete the table:

	Your school's area
Site area in square meter (m2)	21,032

Ground coverage area	1,602
Green landscaped area on-ground	4,212
Surface parking area	136
Play area that is paved/ concrete on ground	0
Play area that has grass on ground	677
Service Area on ground	32
Roof and terrace area	396
Green cover on exposed roof & terrace	0
Total built up/constructed area	1,998
Total no. of floors	10
Others	325

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	4	3	7
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. DSC_0206.JPG
- 2. DSC_0204.JPG
- 3. DSC_0203.JPG
- 4. DSC_0200.JPG
- 5. DSC_0196.JPG



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	HARCHARAN SINGH	gsss.sahibaa.sbsn@gmail.com
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Administrative staff

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Students

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4.	KAJAL CHOPRA	gsss.sahibaa.sbsn@gmail.com	11
5.	MANOJ GHAI	gsss.sahibaa.sbsn@gmail.com	10
6.	SUKHWINDER KAUR	gsss.sahibaa.sbsn@gmail.com	10
7.	DHARAMVIR	gsss.sahibaa.sbsn@gmail.com	9
8.	MUSKAN	gsss.sahibaa.sbsn@gmail.com	9
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Task 2: How much water does your school use?

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	800

Toilet flushing	400
Personal cleaning	0
Washing clothes	0
Cooking	200
Cleaning Utensils	150
Washing Vegetables	5
Mopping floors	0
Gardening	600
Total	2155

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?

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?	Yes
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?	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?	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).

192705

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)?	No
Are the toilets situated in the right location in terms of privacy and safety?	Yes

Yes

How many drinking water taps do you have?

12

How many hand pumps do you have?

0

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	2	0	5

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

6

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

4

ls 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

Once 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.	DALJIT KUMAR	gsss.sahibaa.sbsn@gmail.com
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Administrative staff

Sno.	Sno. Name Email	
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Students

Sno.	Name	Email	Grade/Class
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2.	NEHA THAKUR	gsss.sahibaa.sbsn@gmail.com	12
3.	PARSHANT	gsss.sahibaa.sbsn@gmail.com	11
4.	SHAKSHI	gsss.sahibaa.sbsn@gmail.com	11
5.	BHUPINDER	gsss.sahibaa.sbsn@gmail.com	10
6.	RAJIA	gsss.sahibaa.sbsn@gmail.com	10
7.	DAVINDER SINGH	gsss.sahibaa.sbsn@gmail.com	9
8.	RAJDEEP KAUR	gsss.sahibaa.sbsn@gmail.com	9
9.	YUVRAJ	gsss.sahibaa.sbsn@gmail.com	8
10.	DAVINDER	gsss.sahibaa.sbsn@gmail.com	6

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	0	0	0	0	0
Playgrounds	1	1	0	0	0
Common area (e.g. reception, corridors)	4	0	4	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	7	1	6	0	0

No documents uploaded by the school.

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	20
Kitchen waste	1
Paper	5
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 Generated Solid Waste (in kilogram)	26

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?

Don't know

No documents uploaded by the school.

9

Does your school burn waste?

Yes

Supporting Documents

1. DSC_0208.JPG

9a

Where does your school burn waste?

Inside 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	1	1	0
Washing machines	0	0	0
Air conditioners	0	0	0

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

No documents uploaded by the school.

11

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

13

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

Yes

Supporting Documents

1. 35e54ca2-fc75-4cae-a6f3-1834f62404b4.jpg

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

1	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?

No

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?

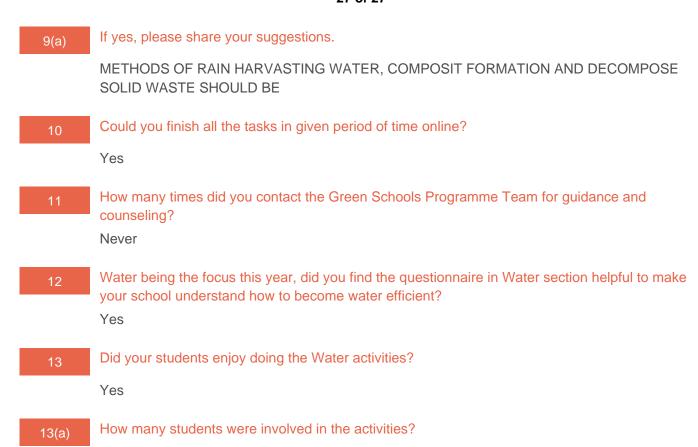
WE NEED RELEVANT INFORMATION

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

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

Yes



Checklist of uploaded documents

10.00

- 1. Fuel Bills
- 2. Electricity Bill
- 3. Picture of Mid-day meal being served
- 4. Pictures of Green Cover
- 5. Pictures of landscaped area
- 6. Pictures of burning waste
- 7. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc