

Responses for Green Schools Programme Audit 2016

School Name: GOVT. HIGH SCHOOL NIGHI

Address: V.P.O - NIGHI, TEHSIL - BALACHAUR,

BALACHAUR, SHAHID BHAGAT SINGH

NAGAR, Punjab, India

Coordinator Name: RAM RAKSHAK



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

GOVT. HIGH SCHOOL NIGHI

2 Address

V.P.O - NIGHI, TEHSIL - BALACHAUR, BALACHAUR, SHAHID BHAGAT SINGH NAGAR, Punjab, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) (NUMBER) 8427966224

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 8427966224

5 Principal Name

DARSHAN CHAND

6 GSP Coordinator Name

RAM RAKSHAK

GSP Coordinator Email

ghs.nighie.sbsn@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9417357691

g 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:10

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	94	68	162
Teachers	5	3	8
Non-Teaching Staff	2	0	2
TOTAL	101	71	172

4(b) How many visitors visit your school

5

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?

July, Aug

Where is the school located?

Rural Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	RAM RAKSHAK	RAM RAKSHAK
2.	NIRMAL KUMAR	ghs.nighie.sbsn@gmail.com
3.	RAM LOK	ghs.nighie.sbsn@gmail.com

Administrative staff

Sno.	Name	Email
1.	DARSHAN CHAND	ghs.nighie.sbsn@gmail.com
2.	NACHHATTAR KAUR	ghs.nighie.sbsn@gmail.com
3.	RAM RAKSHAK	ghs.nighie.sbsn@gmail.com
4.	RAM LOK	ghs.nighie.sbsn@gmail.com
5.	NIRMAL KUMAR	ghs.nighie.sbsn@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	RAJANI	ghs.nighie.sbsn@gmail.com	9
2.	NIKITA	ghs.nighie.sbsn@gmail.com	9
3.	SEEMA	ghs.nighie.sbsn@gmail.com	9
4.	KULDEEP SINGH	ghs.nighie.sbsn@gmail.com	9
5.	MANPREET SINGH	ghs.nighie.sbsn@gmail.com	9
6.	POONAM	ghs.nighie.sbsn@gmail.com	8
7.	JASHANPREET	ghs.nighie.sbsn@gmail.com	8
8.	MANPREEET	ghs.nighie.sbsn@gmail.com	8
9.	MOHIT KUMAR	ghs.nighie.sbsn@gmail.com	8
10.	HONEY KUMAR	ghs.nighie.sbsn@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)
6-A	33.44	30.00	89.71
7-A	28.00	20.00	71.43
8-A	28.00	20.00	71.43
8-B	28.00	20.00	71.43
9-A	33.44	30.00	89.71
10-A	33.44	30.00	89.71
0	0.00	0.00	0.00
0	0.00	0.00	0.00
0	0.00	0.00	0.00
0	0.00	0.00	0.00
TOTAL	184.32	150.00	

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	0	0	0
Personal two-wheeler	0	8	2	10
Bicycle	10	0	0	10
On foot	152	0	0	152
Others (non-motorised)	0	0	0	0
SUB-TOTAL	162	8	2	172

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?



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	RAM RAKSHAK	ghs.nighie.sbsn@gmail.com
2.	NIRMAL KUMAR	ghs.nighie.sbsn@gmail.com
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Administrative staff

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Students

Sno.	Name	Email	Grade/Class
1.	DISHAIYEN	ghs.nighie.sbsn@gmail.com	9
2.	SUMAN	ghs.nighie.sbsn@gmail.com	9
3.	JASPREET	ghs.nighie.sbsn@gmail.com	9
4.	LAKHWINDER	ghs.nighie.sbsn@gmail.com	9
5.	DHARAMVIR	ghs.nighie.sbsn@gmail.com	9
6.	BHAWNA	ghs.nighie.sbsn@gmail.com	8
7.	ANJALI	ghs.nighie.sbsn@gmail.com	8
8.	NEETU	ghs.nighie.sbsn@gmail.com	8
9.	KULWINDER	ghs.nighie.sbsn@gmail.com	8
10.	AMRINDER	ghs.nighie.sbsn@gmail.com	8

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

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)	200	720.00	1
Electricity from generator (diesel) (litres)	20	912.00	1
Petrol (litres)	0	0.00	0
Diesel (litres)	0	0.00	0
CNG (kilogrammes)	0	0.00	0
Kerosene (litres)	0	0.00	00
Coal (kilogrammes)	0	0.00	0
Wood (kilogrammes)	0	0.00	00
Animal waste (kilogrammes)	0	0.00	0
Solar (kwh)	0	0.00	0
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	5	258.00	2
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	225.00	1890.00	

No documents uploaded by the school.

What appliances does your school have?

Air Conditioners	0	0	0
Refrigerator	0	0	0
Microwave	0	0	0
Tube Lights	2	30	2
CFL Bulbs	10	100	3
LED Lights	0	0	0
Fans	50	3000	3

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



335

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.	RAM RAKSHAK	ghs.nighie.sbsn@gmail.com
2.	NIRMAL KUMAR	ghs.nighie.sbsn@gmail.com
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Administrative staff

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Students

Sno.	Name	Email	Grade/Class
1.	PARABHJOT	ghs.nighie.sbsn@gmail.com	6
2.	NAVJOT	ghs.nighie.sbsn@gmail.com	6
3.	SUNAKSHI	ghs.nighie.sbsn@gmail.com	6
4.	CHANPREET SINGH	ghs.nighie.sbsn@gmail.com	6
5.	DHARAMPREET	ghs.nighie.sbsn@gmail.com	6
6.	AANCHAL DEVI	ghs.nighie.sbsn@gmail.com	7
7.	RIYA	ghs.nighie.sbsn@gmail.com	7
8.	MAMTA	ghs.nighie.sbsn@gmail.com	7
9.	JASKARAN	ghs.nighie.sbsn@gmail.com	7
10.	RAHUL	ghs.nighie.sbsn@gmail.com	7

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

No documents uploaded by the school.

Does your school serve traditional Indian snacks?

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?

Yes

7(a) Please provide the names?

CANDIES, SWEETS, FRUITS ETC

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

Sno.	Name	Email
1.	DILBAG RAI	ghs.nighie.sbsn@gmail.com
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Administrative staff

Sno.	Name	Email
1.	RAM LOK	ghs.nighie.sbsn@gmail.com
2.	NACHHATTAR KAUR	ghs.nighie.sbsn@gmail.com
3.	NIRMAL KUMAR	ghs.nighie.sbsn@gmail.com
4.	RAM RAKSHAK	ghs.nighie.sbsn@gmail.com
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Students

Sno.	Name	Email	Grade/Class
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2.	SIMRAN	ghs.nighie.sbsn@gmail.com	7
3.	MNISHA RANI	ghs.nighie.sbsn@gmail.com	7
4.	DHARAMVIR	ghs.nighie.sbsn@gmail.com	7
5.	RAMAN	ghs.nighie.sbsn@gmail.com	7
6.	GAGANDEEP	ghs.nighie.sbsn@gmail.com	6
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8.	DISHU	ghs.nighie.sbsn@gmail.com	6
9.	MUKESH	ghs.nighie.sbsn@gmail.com	6
10.	BALRAM	ghs.nighie.sbsn@gmail.com	6

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

Complete the table:

14 of 27

Site area in square meter (m2)	21,000
Ground coverage area	15,000
Green landscaped area on-ground	5,000
Surface parking area	200
Play area that is paved/ concrete on ground	500
Play area that has grass on ground	5,000
Service Area on ground	200
Roof and terrace area	600
Green cover on exposed roof & terrace	0
Total built up/constructed area	600
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	50	20	70
Animals	0	0	0

Task 4: Find out if your school uses pesticides

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

Yes

No documents uploaded by the school.



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	DARSHAN CAHND	ghs.nighie.sbsn@gmail.com
2.	RAM RAKSHAK	ghs.nighie.sbsn@gmail.com
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Administrative staff

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Students

Sno.	Name	Email	Grade/Class
1.	NIKITA	ghs.nighie.sbsn@gmail.com	9
2.	DISHAYIEN	ghs.nighie.sbsn@gmail.com	9
3.	RAJANI	ghs.nighie.sbsn@gmail.com	9
4.	SEEMA	ghs.nighie.sbsn@gmail.com	9
5.	SUMAN	ghs.nighie.sbsn@gmail.com	9
6.	KULDEEP	ghs.nighie.sbsn@gmail.com	9
7.	LAKHWINDER	ghs.nighie.sbsn@gmail.com	9
8.	HARMAN	ghs.nighie.sbsn@gmail.com	9
9.	GURPREET	ghs.nighie.sbsn@gmail.com	9
10.	PUNEET	ghs.nighie.sbsn@gmail.com	9

Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

Activity

Drinking	550
Toilet flushing	1500
Personal cleaning	200
Washing clothes	0
Cooking	10
Cleaning Utensils	200
Washing Vegetables	0
Mopping floors	100
Gardening	5000
Total	7560

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?

Panchayat

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?	Yes
Does your school use appliances with a quick-wash setting?	Yes
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)	Yes

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).
0

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?

10

How many hand pumps do you have?

0

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

0

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

	Girls Boys		Common	Total
Number of toilets	6	4	0	10

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

3

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

2

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

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

Please specify the fate of wastewater

Used for groundwater recharge

No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	ame Email		
1.	RAM RAKSHAK	ghs.nighie.sbsn@gmail.com		
2.	RAM LOK	ghs.nighie.sbsn@gmail.com		
3.	NACHHATTAR KAUR	ghs.nighie.sbsn@gmail.com		

Administrative staff

Sno.	Name Email	
1.	DARSHAN CHAND	ghs.nighie.sbsn@gmail.com
2.	NIRMAL KUMAR	ghs.nighie.sbsn@gmail.com
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Students

Sno.	Name	Email	Grade/Class
1.	SUNITA	ghs.nighie.sbsn@gmail.com	7
2.	RIA	ghs.nighie.sbsn@gmail.com	7
3.	MAMTA	ghs.nighie.sbsn@gmail.com	7
4.	ROHIT	ghs.nighie.sbsn@gmail.com	7
5.	PARVEEN KUMAR	ghs.nighie.sbsn@gmail.com	7
6.	KULDEEP KUMAR	ghs.nighie.sbsn@gmail.com	7
7.	BALRAM BAGRI	ghs.nighie.sbsn@gmail.com	6
8.	GURDEEP SINGH	ghs.nighie.sbsn@gmail.com	6
9.	PANKAJ CHOUHAN	ghs.nighie.sbsn@gmail.com	6
10.	MAKHAN	ghs.nighie.sbsn@gmail.com	6

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	6	0	6	0	0
Playgrounds	0	0	0	0	0
Common area (e.g. reception, corridors)	2	0	2	0	0
Staffroom	0	0	0	0	0
Laboratory	2	0	2	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	0	0	0	0	0
Library	1	0	1	0	0
Toilets	4	0	4	0	0
Others	0	0	0	0	0
Total	15	0	15	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	5
Kitchen waste	5
Paper	10
Plastic	2

Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0
Sanitary waste	1
Construction and Demolition (C & D) waste	10
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	33

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)	×	×	×	4

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)	✓	×	×	×

Task 5: How does your school dispose waste?

What is the final destination for waste that is disposed of externally?

Designated dumping site (Dhalao)

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)	8	7	1
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	3	2	1
Copying equipment (Photocopiers)	0	0	0
Projectors	0	0	0
Whiteboards	3	3	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	2	1	1
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?

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

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?
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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?

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?
 - 1. FINANCE SUPPORT 2. ELECTRICAL ENERGY 3. PERMANENT SCIENCE TEACHER
- 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

10	Could you finish all the tasks in given period of time online?
	No
11	How many times did you contact the Green Schools Programme Team for guidance and counseling? Never
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?
	10.00

Checklist of uploaded documents

1. Picture of Mid-day meal being served