

# Responses for Green Schools Programme Audit 2016

School Name: GMS Buraj kandhari

Address: Vill- Buraj kandhari, Teh- Banga, Banga,

Shahid Bhagat Singh Nagar, Punjab, India

Coordinator Name: Balbir Kaur



# 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**

Name of the School / Institution

GMS Buraj kandhari

2 Address

Vill- Buraj kandhari, Teh- Banga, Banga, Shahid Bhagat Singh Nagar, Punjab, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 01823 (NUMBER) 283046

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9530853350

5 Principal Name

Tarlok singh

6 GSP Coordinator Name

Balbir Kaur

GSP Coordinator Email

gms.burajkandhari.sbsn@gmail.com

6 GSP Coordinator Mobile Number

(ISD)91 (Number) 8727870211

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:8

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	16	12	28
Teachers	1	3	4
Non-Teaching Staff	0	0	0
TOTAL	17	15	32

4(b) How many visitors visit your school

4

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

234

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

Aug, Sep, Oct

Where is the school located?

Rural Area



### Task 1: Air Audit Team

#### **Teachers**

Sno.	Name	Email
1.	Balbir Kaur	Balbir Kaur
2.	Kulwinder kaur	gms.burajkandhari.sbsn@gmail.com
3.	Davinder kaur	gms.burajkandhari.sbsn@gmail.com

### **Administrative staff**

Sno.	Name	Email
1.	Tarlok singh	gms.burajkandhari.sbsn@gmail.com
2.	Balbir kaur	gms.burajkandhari.sbsn@gmail.com
3.	Davinder Kaur	gms.burajkandhari.sbsn@gmail.com
4.	Kulwinder kaur	gms.burajkandhari.sbsn@gmail.com

#### **Students**

Sno.	Name	Email	Grade/Class
1.	Jaskaran		8
2.	Manpreet kaur		8
3.	Sandeep Kumar		7
4.	Harmanpreet		7
5.	Harish kumar		7
6.	Gurpreet		7

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

1 How many classrooms does your school have?

3

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 6th	48.75	5.94	12.18

TOTAL	146.25	19.70	
0	0.00	0.00	0.00
0	0.00	0.00	0.00
0	0.00	0.00	0.00
00	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
Class 8th	48.75	5.94	12.18
Class 7th	48.75	7.82	16.04

# 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	0	2
Personal two-wheeler	0	2	0	2
Bicycle	11	0	0	11

On foot	17	0	0	17
Others (non-motorised)	0	0	0	0
SUB-TOTAL	28	4	0	32

# 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.	Balbir kaur	gms.burajkandhari.sbsn@gmail.com
2.	Davinder kaur	gms.burajkandhari.sbsn@gmail.com
3.	Kulwinder kaur	gms.burajkandhari.sbsn@gmail.com

#### **Administrative staff**

Sno.	Name	Email
1.	Tarlok singh	gms.burajkandhari.sbsn@gmail.com
2.	Kulwinder kaur	gms.burajkandhari.sbsn@gmail.com
3.	Davinder kaur	gms.burajkandhari.sbsn@gmail.com

#### **Students**

Sno.	Name	Email	Grade/Class
1.	Sandeep Kumar		7
2.	Jaskaran		8
3.	Gurpreet		7
4.	Harish kumar		7
5.	Navpreet		8

# Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

No documents uploaded by the school.

2

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)	272	979.20	0
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)	25	1290.00	3
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	297.00	2269.20	

### What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	0	0	0
Refrigerator	1	5	2
Microwave	0	0	0
Tube Lights	3	35	0
CFL Bulbs	5	20	2
LED Lights	0	0	0

# 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.	Kulwinder kaur	gms.burajkandhari.sbsn@gmail.com

#### **Administrative staff**

Sno.	Name	Email
1.	Tarlok singh	gms.burajkandhari.sbsn@gmail.com

#### **Students**

Sno.	Name	Email	Grade/Class
1.	Manpreet kaur		8
2.	Harmanpreet		7
3.	Jaskaran		8

### 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

Does your school serve traditional Indian beverages?

No

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



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



### **Task 1: Land Audit Team**

#### **Teachers**

Sno.	Name	Email
1.	Tarlok singh	gms.burajkandhari.sbsn@gmail.com

### **Administrative staff**

Sno.	Name	Email
1.	Tarlok singh	gms.burajkandhari.sbsn@gmail.com

#### **Students**

Sno.	Name	Email	Grade/Class
1.	Sandeep kumar	gms.burajkandhari.sbsn@gmail.com	7

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

1

### Complete the table:

	Your school's area
Site area in square meter (m2)	5,903
Ground coverage area	338
Green landscaped area on-ground	3,021
Surface parking area	0
Play area that is paved/ concrete on ground	0
Play area that has grass on ground	1,530
Service Area on ground	500
Roof and terrace area	338
Green cover on exposed roof & terrace	0
Total built up/constructed area	338
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	4	25	29
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



### **WATER**

### **Task 1: Water Audit Team**

#### **Teachers**

Sno.	Name	Email
1.	Balbir kaur	gms.burajkandhari.sbsn@gmail.com

#### **Administrative staff**

Sno.	Name	Email
1.	Tarlok singh	gms.burajkandhari.sbsn@gmail.com

#### **Students**

Sno.	Name	Email	Grade/Class
1.	Jaskaran	gms.burajkandhari.sbsn@gmail.com	8

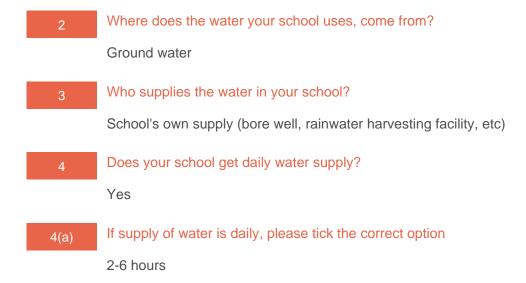
# Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	25
Toilet flushing	5
Personal cleaning	0
Washing clothes	0
Cooking	5
Cleaning Utensils	5
Washing Vegetables	1
Mopping floors	0
Gardening	10
Total	51

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



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?	No
If your school has an eco-club, do they have water component?	No
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?	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?	Yes
Does your school use a drip or irrigation system?	No
Any other step taken for water conservation? (if Yes, please specify)	No

Task 5: Does your school harvest rainwater?

No

6(a)

Calculate your school's rainwater harvesting potential (in litres).

50

### 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?

1

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

	Girls	Boys	Common	Total
Number of toilets	1	1	0	2

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

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

Yes

15 Is the water supply sufficient?

Yes

Are the toilets cleaned?

Yes

16(a) If yes, please specify

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

Does your school treat wastewater?

No

Once a day

Does your school reuse the treated wastewater?

No

Please specify the fate of wastewater

Used for gardening and horticulture



### **Task 1: Waste Audit Team**

#### **Teachers**

Sno.	Name	Email
1.	Davinder kaur	gms.burajkandhari.sbsn@gmail.com

#### **Administrative staff**

Sno.	Name	Email
1.	Tarlok singh	gms.burajkandhari.sbsn@gmail.com

### **Students**

Sno.	Name	Email	Grade/Class
1.	Manpreet kaur	gms.burajkandhari.sbsn@gmail.com	8

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

Does your school segregate solid waste?

Yes

Who segregates the waste at source?

- 1. Housekeeping (Sweeper)
- Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	3	0	3	0	0
Playgrounds	1	0	1	0	0
Common area (e.g. reception, corridors)	1	0	1	0	0
Staffroom	2	0	2	0	0
Laboratory	0	0	0	0	0

Canteen	0	0	0	0	0
Clinic/ Sick room	0	0	0	0	0
Library	1	0	1	0	0
Toilets	1	0	1	0	0
Others	0	0	0	0	0
Total	9	0	9	0	0

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	1
Paper	1
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)	2.5

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)	✓	×	✓	4
Plastic (e.g. plastic bottles)	<b>∀</b>	×	×	×
Horticultural waste	<b>✓</b>	×	×	×
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)	✓	×	×	×

# Task 5: How does your school dispose waste?

8

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

Designated dumping site (Dhalao)

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	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
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)	6	6	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	2	2	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	2	1	1
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?

No

ls the study of the environment integrated into the curriculum?

Yes



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?

with minimizing waste and increasing greenery

How would you rate the overall design of the audit?

Aspect	Good / Average /Bad
Content	Average
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?

Nο

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?  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. Electricity Bill