



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: GGSSS BUTALA
Address: vill BUTALA, BUTALA, AMRITSAR,
Amritsar, Punjab, India
Coordinator Name: SATINDER AZAD



AIR



ENERGY



FOOD



LAND



WATER



WASTE

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

GGSSS BUTALA

2

Address

vill BUTALA, BUTALA, AMRITSAR, Amritsar, Punjab, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 01853 (NUMBER) 241396

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9781415515

5

Principal Name

SATINDER AZAD

6

GSP Coordinator Name

SATINDER AZAD

7

GSP Coordinator Email

sssbutala@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9781415515

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:6

Highest level of grade:12

2

Is your school single gender or mixed gender?

Only girls

3

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

4

Total permanent population of the school

| | Male | Female | Total |
|--------------------|------|--------|-------|
| Students | 0 | 382 | 382 |
| Teachers | 5 | 9 | 14 |
| Non-Teaching Staff | 2 | 3 | 5 |
| TOTAL | 7 | 394 | 401 |

4(b)

How many visitors visit your school

10

5

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

225

6

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

Sep

7

Where is the school located?

Rural Area



AIR

Task 1: Air Audit Team

Teachers

| Sno. | Name | Email |
|------|----------------|----------------|
| 1. | Jatinder Singh | Jatinder Singh |

Administrative staff

| Sno. | Name | Email |
|------|---------------|---------------------|
| 1. | Satinder Azad | sssbutala@gmail.com |

Students

| Sno. | Name | Email | Grade/Class |
|------|-----------------|---------------------|-------------|
| 1. | Komalpreet Kaur | sssbutala@gmail.com | 12 |

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

1 How many classrooms does your school have?

3

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) |
|---|----------------------------|-------------------------------|--|
| 6 | 55.00 | 9.00 | 16.36 |
| 7 | 55.00 | 9.00 | 16.36 |
| 8 | 55.00 | 9.00 | 16.36 |
| | | | 0.00 |
| | | | 0.00 |
| | | | 0.00 |
| | | | 0.00 |
| | | | 0.00 |

| | | | |
|-------|--------|-------|------|
| | | | 0.00 |
| | | | 0.00 |
| TOTAL | 165.00 | 27.00 | |

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 does not use or own vehicles

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 | 0 | 0 | 0 | 0 |
| Public Bus | 100 | 7 | 2 | 109 |
| 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 | 1 | 3 |
| Personal two-wheeler | 0 | 3 | 2 | 5 |
| Bicycle | 111 | 0 | 0 | 111 |
| On foot | 171 | 2 | 0 | 173 |
| Others (non-motorised) | 0 | 0 | 0 | 0 |
| SUB-TOTAL | 382 | 14 | 5 | 401 |

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

5

How many students suffer from respiratory ailments ?

0

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. | Monika Kumari | sssbutala@gmail.com |

Administrative staff

| Sno. | Name | Email |
|------|------------------|---------------------|
| 1. | Arvinderpal Kaur | sssbutala@gmail.com |

Students

| Sno. | Name | Email | Grade/Class |
|------|-------------|---------------------|-------------|
| 1. | Poonam Kaur | sssbutala@gmail.com | 10 |

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) | 5 | 18.00 | 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) | 30 | 1548.00 | 0 |
| Piped Natural Gas (kilogrammes) | 0 | 0.00 | 0 |
| TOTAL | 35.00 | 1566.00 | |

No documents uploaded by the school.

4

What appliances does your school have?

| | Number | Size | BEE Star Rating |
|------------------|--------|------|-----------------|
| Air Conditioners | 0 | 0 | 0 |
| Refrigerator | 0 | 0 | 0 |
| Microwave | 0 | 0 | 0 |
| Tube Lights | 10 | 40 | 2 |
| CFL Bulbs | 5 | 15 | 3 |
| LED Lights | 10 | 10 | 2 |
| Fans | 30 | 45 | 3 |

No documents uploaded by the school.

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

5

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

325

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. | Manpreet Kaur | sssbutala@gmail.com |

Administrative staff

| Sno. | Name | Email |
|------|----------------|---------------------|
| 1. | Jagpreet Singh | sssbutala@gmail.com |

Students

| Sno. | Name | Email | Grade/Class |
|------|----------------|---------------------|-------------|
| 1. | Arshpreet Kaur | sssbutala@gmail.com | 8 |

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?

Yes

No documents uploaded by the school.

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 | 5 | 200 | 9 |
| 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) | 4 | 200 | 9 |
| 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.

4 Does your school serve traditional Indian snacks?

No

5 Does your school serve traditional Indian beverages?

No

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

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

No

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

No

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. | Gurdev Singh | sssbutala@gmail.com |

Administrative staff

| Sno. | Name | Email |
|------|----------------|---------------------|
| 1. | Jagpreet Singh | sssbutala@gmail.com |

Students

| Sno. | Name | Email | Grade/Class |
|------|----------------|---------------------|-------------|
| 1. | Lovepreet Kaur | sssbutala@gmail.com | 11 |

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) | 500 |
| Ground coverage area | 200 |
| Green landscaped area on-ground | 100 |
| Surface parking area | 20 |
| Play area that is paved/ concrete on ground | 30 |
| Play area that has grass on ground | 10 |
| Service Area on ground | 100 |
| Roof and terrace area | 200 |
| Green cover on exposed roof & terrace | 50 |
| Total built up/constructed area | 200 |
| Total no. of floors | 1 |

| | |
|--------|---|
| 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 | 2 | 2 | 4 |
| Animals | 0 | 0 | 0 |

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. | Jatinderbir Singh | sssbutala@gmail.com |

Administrative staff

| Sno. | Name | Email |
|------|---------------|---------------------|
| 1. | Darshan Singh | sssbutala@gmail.com |

Students

| Sno. | Name | Email | Grade/Class |
|------|--------------|---------------------|-------------|
| 1. | Ranjana Bala | sssbutala@gmail.com | 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 | 1000 |
| Toilet flushing | 2000 |
| Personal cleaning | 200 |
| Washing clothes | 0 |
| Cooking | 100 |
| Cleaning Utensils | 100 |
| Washing Vegetables | 50 |
| Mopping floors | 50 |
| Gardening | 500 |
| Total | 4000 |

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

3 Who supplies the water in your school?

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

19-24 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? | 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? | Yes |
| Does your school use a drip or irrigation system? | Yes |
| 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?

6

Do you have Rainwater harvesting (RWH) system in your school?

No

6(a)

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

10000

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)? | Yes |
| 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?

6

9

How many hand pumps do you have?

2

10

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

6

11

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

| | Girls | Boys | Common | Total |
|-------------------|-------|------|--------|-------|
| Number of toilets | 7 | 0 | 0 | 7 |

12

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

2

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

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

17

Does your school treat wastewater?

No

18

Does your school reuse the treated wastewater?

Yes

18(a)

How does your school reuse wastewater?

Flushing

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

| Sno. | Name | Email |
|------|------------|---------------------|
| 1. | Ravi Kumar | sssbutala@gmail.com |

Administrative staff

| Sno. | Name | Email |
|------|---------------|---------------------|
| 1. | Darshan Singh | sssbutala@gmail.com |

Students

| Sno. | Name | Email | Grade/Class |
|------|-----------------|---------------------|-------------|
| 1. | Pawanpreet Kaur | sssbutala@gmail.com | 8 |

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

1

Does your school segregate solid waste?

No

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 | 3 | 3 | 0 | 0 | 0 |
| Playgrounds | 1 | 1 | 0 | 0 | 0 |
| Common area (e.g. reception, corridors) | 0 | 0 | 0 | 0 | 0 |
| Staffroom | 0 | 0 | 0 | 0 | 0 |
| Laboratory | 0 | 0 | 0 | 0 | 0 |
| Canteen | 1 | 1 | 0 | 0 | 0 |
| Clinic/ Sick room | 0 | 0 | 0 | 0 | 0 |
| Library | 0 | 0 | 0 | 0 | 0 |

| | | | | | |
|---------|----|----|---|---|---|
| Toilets | 7 | 7 | 0 | 0 | 0 |
| Others | 0 | 0 | 0 | 0 | 0 |
| Total | 12 | 12 | 0 | 0 | 0 |

No documents uploaded by the school.

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 | 1 |
| Kitchen waste | 15 |
| Paper | 1 |
| Plastic | 0 |
| Wood, glass, metal, classroom furniture | 0 |
| E-waste | 0 |
| Biomedical waste | 0 |
| Sanitary waste | 1 |
| Construction and Demolition (C & D) waste | 0 |
| Hazardous waste | 0 |
| Total Generated Solid Waste (in kilogram) | 18 |

No documents uploaded by the school.

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

4

Does your school recycle any generated waste?

No

5 Does your school have a composting facility?

No

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?

Open dumping

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 | 1 | 1 | 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) | 36 | 24 | 12 |
| 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) | 1 | 1 | 0 |
| Projectors | 1 | 1 | 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 | 00 |
| 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

12

Does the school have a policy on waste?

No

13

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

No

14

Is the study of the environment integrated into the curriculum?

No

No documents uploaded by the school.



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?

No

3

Did you find the online information relevant to your environmental education activities?

No

3(a)

If no, then please share your suggestions.

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?

8

How would you rate the overall design of the audit?

| Aspect | Good / Average /Bad |
|----------------------------------|---------------------|
| Content | |
| Distribution of time among tasks | |
| Sequencing of tasks | |
| Orientation for conducting tasks | |

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?

No

11

How many times did you contact the Green Schools Programme Team for guidance and counseling?

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?

No

13

Did your students enjoy doing the Water activities?

No

Checklist of uploaded documents