



# GREEN SCHOOLS PROGRAMME

## Responses for Green Schools Programme Audit 2016

**School Name:** GOVERNMENT SENIOR SECONDRY  
SCHOOL KANJLI

**Address:** VPO KANJLI, DISTT KAPURTHALA,  
KAPURTHALA, Kapurthala, Punjab, India

**Coordinator Name:**INDERJIT SINGH



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

GOVERNMENT SENIOR SECONDRY SCHOOL KANJLI

2

Address

VPO KANJLI, DISTT KAPURTHALA, KAPURTHALA, Kapurthala, Punjab, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 01822 (NUMBER) 2224290

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9876353345

5

Principal Name

SMT. MANJIT KAUR

6

GSP Coordinator Name

INDERJIT SINGH

7

GSP Coordinator Email

INDERJITSINGHGHOTRA27@YAHOO.COM

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9463533423

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?

Mixed/Co-education

3

Which board of education does the school follow?

Other: 'Punjab School Education Board Mohali Punjab'

4

Total permanent population of the school

	Male	Female	Total
Students	239	128	367
Teachers	8	13	21
Non-Teaching Staff	4	4	8
TOTAL	251	145	396

4(b)

How many visitors visit your school

30

5

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

230

6

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

July, Aug

7

Where is the school located?

Rural Area



## AIR

### Task 1: Air Audit Team

#### Teachers

Sno.	Name	Email
1.	Mr Inderjit Singh	Mr Inderjit Singh

#### Administrative staff

Sno.	Name	Email
1.	Mrs. Preety Arora	
2.	Mr. Balwinder Singh	
3.	Mrs. Pushpinder Kaur	

#### Students

Sno.	Name	Email	Grade/Class
1.	Amarjit Kaur		12
2.	Rajpreet Kaur		12
3.	Anamika		11
4.	Vishal		11
5.	Karanveer Singh		12
6.	Simarjeet Singh		12

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

1 How many classrooms does your school have?

14

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)
+2	41.80	9.00	21.53
+1 A	41.80	9.00	21.53
+1 B	37.16	9.00	24.22

10th A	41.80	9.00	21.53
10th B	41.80	9.00	21.53
9th A	44.60	9.00	20.18
9thB	44.60	9.00	20.18
8th	27.86	5.50	19.74
7th	25.50	5.50	21.57
6th	25.50	5.50	21.57
<b>TOTAL</b>	<b>372.42</b>	<b>79.50</b>	

### 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	20	9	4	33
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	50	0	0	50
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	0	0	0	0
Personal four-wheeler	0	0	1	1
Personal two-wheeler	10	12	3	25
Bicycle	47	0	0	47
On foot	240	0	0	240
Others (non-motorised)	0	0	0	0

SUB-TOTAL	367	21	8	396
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### 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.	Mr. Inderjit Singh	inderjitsinghghotra27@yahoo.com

#### Administrative staff

Sno.	Name	Email
1.	Sh Narinder Singh	
2.	Mrs. Nihchalpreet Kaur	

#### Students

Sno.	Name	Email	Grade/Class
1.	Harmeet Kaur		12
2.	Manju		12
3.	Karanveer Singh		12
4.	Simarjeet Singh		12
5.	Rahul Kumari		12
6.	Manpreet Singh		12

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

1

Does your school have access to an electricity bill?

Yes

#### Supporting Documents

1. electricity bill.jpg
2. IMG\_20160929\_162045\_061.JPG

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)	500	1800.00	1,5
Electricity from generator (diesel) (litres)	5	228.00	1,5
Petrol (litres)	2	93.40	5
Diesel (litres)	0	0.00	0
CNG (kilogrammes)	0	0.00	0
Kerosene (litres)	0.5	22.35	5
Coal (kilogrammes)	0	0.00	0
Wood (kilogrammes)	150	2640.00	3
Animal waste (kilogrammes)	0	0.00	0
Solar (kwh)	0	0.00	0
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	10	516.00	3
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	667.50	5299.75	

### Supporting Documents

1. IMG\_20160929\_133610\_812.JPG

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	0	0	0
Refrigerator	1	265	5
Microwave	1	1	0



Tube Lights	10	40	5
CFL Bulbs	3	28	5
LED Lights	0	0	0
Fans	40	100	2

### Supporting Documents

1. save energy.jpg
2. IMG\_20160929\_080553\_435.JPG

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

5

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

280

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.	Mr.Inderjit Singh	inderjitsinghghotra27@yahoo.com

#### Administrative staff

Sno.	Name	Email
1.	Mr.Balwinder Singh	
2.	Mrs Kirti	
3.	Mr Shivnath	

#### Students

Sno.	Name	Email	Grade/Class
1.	Amarjit Kaur		12
2.	Rajpreet Kaur		12
3.	Anamika		11
4.	Vishal		11
5.	Karanveer Singh		12
6.	Simarjeet Singh		12

### 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

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	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.

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.	Mr Inderjit Singh	inderjitsinghghotra27@yahoo.com

#### Administrative staff

Sno.	Name	Email
1.	Sh Rajesh Sharma	
2.	Sh Shiv Nath	
3.	Sh Gulzar	

#### Students

Sno.	Name	Email	Grade/Class
1.	Manpreet Singh		12
2.	Rajwinder Singh		12
3.	Rajpal Singh		12
4.	Rajinder Singh		12
5.	Jaswinder Singh		11
6.	Arshpreet Singh		11
7.	Jaskarandeep Singh		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 (m <sup>2</sup> )	10,690
Ground coverage area	980
Green landscaped area on-ground	2,871
Surface parking area	100
Play area that is paved/ concrete on ground	240

Play area that has grass on ground	4,761
Service Area on ground	0
Roof and terrace area	980
Green cover on exposed roof & terrace	0
Total built up/constructed area	980
Total no. of floors	1
Others	1,790

### 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	12	10	22
Animals	8	2	10

### Task 4: Find out if your school uses pesticides

4

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

No

#### Supporting Documents

1. IMG\_20160916\_205842\_554.JPG
2. IMG\_20160916\_210414\_545.JPG
3. IMG\_20160916\_204121\_948.JPG
4. IMG-20160908-WA0004.jpg
5. IMG\_20160917\_140140\_185.JPG



## WATER

### Task 1: Water Audit Team

#### Teachers

Sno.	Name	Email
1.	Mr. Inderjit Singh	inderjitsinghghotra27@yahoo.com

#### Administrative staff

Sno.	Name	Email
1.	Sh. Satnam Singh	
2.	Smt. Tajinder Kaur	

#### Students

Sno.	Name	Email	Grade/Class
1.	Kirandeep Kaur		12
2.	Preeti		12
3.	Manpreet Singh		12
4.	Sunny		12
5.	Navkirandeep Kaur		10
6.	Harpreet Singh		10

### 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	150
Toilet flushing	200
Personal cleaning	20
Washing clothes	20
Cooking	30
Cleaning Utensils	50
Washing Vegetables	30

Mopping floors	20
Gardening	300
Total	820

### 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, Surface water, Rain water

3 Who supplies the water in your school?

Panchayat, 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

2-6 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?	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?	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)

Yes

### Supporting Documents

1. water %26 plantation snap.jpg
2. IMG\_landscape.jpg

## Task 5: Does your school harvest rainwater?

6

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

Yes

6(a)

Does your school harvest different catchments?.

No

6(b)

How does your school harvest rainwater?

By recharging groundwater

6(b)(1)

Does your school have groundwater recharge structure?

No

6(c)

How much area in your school is harvested?

31 to 40 per cent

6(d)

Please select (from the list given below) the rainwater harvesting structures present in your school

Recharge structure

6(e)

Rate your catchment on cleanliness:

Average

No documents uploaded by the school.

6(f)

Does your school clean your catchment and system (structure)?

Yes

6(f)(1)

Please specify when does your school clean the catchment and RWH system?

Do not follow any such pattern

6(g) Does your school monitor the rainwater harvesting structure for its efficiency?

No

6(h) What is the trend of groundwater level in your school across the year?

If there was a decrease, please specify

6(h)(1) Please specify how much was the decrease?

Less than a metre annually

6(i) If your school's RWH structure is more than a year old, is there any improvement in the groundwater quality after the implementation of the RWH structure?

Yes

## 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?	No
Are there sufficient toilets for men in your school?	No
Are the toilets accessible and safe to use for children?	Yes
Are the toilets accessible and safe to use for differently abled children?	No
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
Is there sufficient light during day time?	Yes

8 How many drinking water taps do you have?

4

9 How many hand pumps do you have?

0

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

4

11

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

	Girls	Boys	Common	Total
Number of toilets	3	3	0	6

12

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

3

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?

No

16

Are the toilets cleaned?

Yes

16(a)

If yes, please specify

Once a day

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

17

Does your school treat wastewater?

No

18

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.



## WASTE

### Task 1: Waste Audit Team

#### Teachers

Sno.	Name	Email
1.	Mr Inderjit singh	inderjitsinghghotra27@yahoo.com
2.	Mrs Harmeet Kaur	jasleen-80@yahoo.com

#### Administrative staff

Sno.	Name	Email
1.	Mr Arwinderpal Singh	
2.	Mr Baljit Singh	
3.	Mrs Kirti Thapar	

#### Students

Sno.	Name	Email	Grade/Class
1.	Harpreet Singh		12
2.	Amrit Kumari		12
3.	Gurpreet Singh		11
4.	Jaspreet Kaur		10
5.	Tarun Pathania		12
6.	Rajwinder Singh		12

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

1

Does your school segregate solid waste?

Yes

1a

Who segregates the waste at source?

1. Students and teachers
2. Housekeeping (Sweeper)

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	13	0	13	0	0
Playgrounds	1	1	0	0	0
Common area (e.g. reception, corridors)	0	0	0	0	0
Staffroom	2	0	2	0	0
Laboratory	1	0	1	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	19	1	18	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	50
Kitchen waste	20
Paper	10
Plastic	5
Wood, glass, metal, classroom furniture	30
E-waste	2
Biomedical waste	2
Sanitary waste	10

Construction and Demolition (C & D) waste	50
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	179

No documents uploaded by the school.

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

4

Does your school recycle any generated waste?

Yes

4a

Please provide quantity of which is applicable. (in kilogram)

	Quantity
Garden/ horticulture waste	30
Kitchen waste	12
Paper	10
Plastic	5
Wood, glass, metal, classroom furniture	25
E-waste	2
Biomedical waste	1
Sanitary waste	5
Construction and Demolition (C & D) waste	50
Hazardous waste	2
Total (in kilogram)	142

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)	✗	✗	✓	✗

### Supporting Documents

1. IMG-20160929-WA0016.jpg

### Task 5: How does your school dispose waste?

8

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

Landfill Site

## Supporting Documents

1. IMG\_dump.jpg

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	1	1	0
Washing machines	0	0	0
Air conditioners	0	0	0
Heaters	0	0	0
Microwaves	0		
Ovens	0		
Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	20	10	10
Laptop computer (CPU, mouse, screen and keyboard included)	0		
Notebook computers	0		
Notepad computers	0		
Printers	2	2	0
Copying equipment (Photocopiers)	0	0	0
Projectors	0	0	0
Whiteboards	2	2	0
Electrical & electronic typewriters	0	0	0



Pocket & desk calculators	3	3	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	1	1	0
Pay telephones	0	0	0
Mobiles	0		
Answering systems	0		

No documents uploaded by the school.

11

Do you know that your E-waste can be collected by an authorised dealer or dismantler?

Yes

No documents uploaded by the school.

11a

Who collects your e-waste, when not in working condition?

Authorised dismantler

## 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?

Yes

### Supporting Documents

1. poster making.jpg

13a

What form do these awareness drives take?

As part of extracurricular activities such as guest lectures , By the showcasing of posters and stickers

14

Is the study of the environment integrated into the curriculum?

Yes

**Supporting Documents**

1. IMG\_20160928\_194019\_478~2.jpg
2. IMG\_20160928\_194800\_574.JPG
3. IMG\_20160929\_133001\_979.JPG



## 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?

Yes

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?

Monetary or resourceful help from the Government bodies or NGOssocial bodies to install and manage Eco-friendly systems and devices.

8

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	Average

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?

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?

100.00

### Checklist of uploaded documents

1. Fuel Bills
2. Electricity Bill
3. Picture of 5 star appliances used by school
4. Picture of Mid-day meal being served
5. Pictures of Green Cover
6. Pictures of landscaped area
7. Building construction plan
8. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers, etc
9. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
10. Pictures of respective audit teams doing survey