



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: Govt. Sen. Sec. School Jagdev Kalan
Amritsar

Address: Amritsar, Amritsar, Amritsar, Punjab, India

Coordinator Name: Anu Radha



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

Govt. Sen. Sec. School Jagdev Kalan Amritsar

2

Address

Amritsar, Amritsar, Amritsar, Punjab, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 01858 (NUMBER) 245720

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9417941720

5

Principal Name

Gurvinderpal Kaur

6

GSP Coordinator Name

Anu Radha

7

GSP Coordinator Email

anu.radha2766@yahoo.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9463263730

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?

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	298	137	435
Teachers	14	16	30
Non-Teaching Staff	1	4	5
TOTAL	313	157	470

4(b)

How many visitors visit your school

5

5

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

233

6

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

Oct

7

Where is the school located?

Rural Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Gurinderjit Singh	Gurinderjit Singh
2.	Chander Mohan	gsssjagdevkalanasr@gmail.com
3.	Rimple Chaudhary	gsssjagdevkalanasr@gmail.com

Administrative staff

Sno.	Name	Email
1.	Gurvinderpal kaur	gsssjagdevkalanasr@gmail.com
2.	Narinder Singh	gsssjagdevkalanasr@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Sandeep kaur	gsssjagdevkalanasr@gmail.com	12
2.	Sandeep Kaur	gsssjagdevkalanasr@gmail.com	11
3.	Akashdeep Kaur	gsssjagdevkalanasr@gmail.com	10
4.	Talwinder Singh	gsssjagdevkalanasr@gmail.com	10
5.	Diljeet Singh	gsssjagdevkalanasr@gmail.com	09
6.	Anmolpreet Kaur	gsssjagdevkalanasr@gmail.com	09
7.	Vinaypal Singh	gsssjagdevkalanasr@gmail.com	08
8.	Sukhmandeep Singh	gsssjagdevkalanasr@gmail.com	07
9.	Parman Singh	gsssjagdevkalanasr@gmail.com	06

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

1

How many classrooms does your school have?

16

2

Window-floor ratio of classrooms in the school.

Details of the classroom
(e.g. Class II section b)

$X = \text{Area of floor}$
($L \times B$)

$Y = \text{Area of}$
openings ($L \times H$)

Percentage of the floor area
being ventilated ($Y/X \times 100$)

6th	35.00	12.00	34.29
7th	35.00	12.00	34.29
8th	35.00	12.00	34.29
9th-A	60.00	13.00	21.67
9th-B	60.00	13.00	21.67
10th	60.00	13.00	21.67
11th-Arts	35.00	11.00	31.43
12th-Arts	35.00	11.00	31.43
11th-Sci.	35.00	11.00	31.43
12th-Sci.	35.00	11.00	31.43
TOTAL	425.00	119.00	

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	00	00	00	0
Public Bus	50	00	00	50
School Transport(Other than bus)	00	00	00	0
Public transport (other than bus, Metro, car pool)	00	08	01	9
Taxi four-wheeler	00	00	00	0
Taxi three-wheeler	00	00	00	0
Personal four-wheeler	00	06	01	7
Personal two-wheeler	15	16	2	33

Bicycle	25	00	00	25
On foot	345	00	01	346
Others (non-motorised)	00	00	00	0
SUB-TOTAL	435	30	5	470

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.	Sukhwinderpaul Singh	gsssjagdevkalanasr@gmail.com
2.	Vishal Masih	gsssjagdevkalanasr@gmail.com
3.	Kiran Saini	gsssjagdevkalanasr@gmail.com

Administrative staff

Sno.	Name	Email
1.	Gurvinderpal	gsssjagdevkalanasr@gmail.com
2.	Anita Sharma	gsssjagdevkalanasr@gmail.com
3.	Charanjit Singh (Security Trainer)	gsssjagdevkalanasr@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Harsimran Kaur	gsssjagdevkalanasr@gmail.com	12
2.	Robinpreet Kaur	gsssjagdevkalanasr@gmail.com	11
3.	Gursharan Singh	gsssjagdevkalanasr@gmail.com	10
4.	Kirandeep Kaur	gsssjagdevkalanasr@gmail.com	09
5.	Yadwinder Singh	gsssjagdevkalanasr@gmail.com	08
6.	Jugraj Singh	gsssjagdevkalanasr@gmail.com	07
7.	Simran Singh	gsssjagdevkalanasr@gmail.com	06

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)	1200	4320.00	1
Electricity from generator (diesel) (litres)	10	456.00	1
Petrol (litres)	00	0.00	00
Diesel (litres)	00	0.00	00
CNG (kilogrammes)	00	0.00	00
Kerosene (litres)	00	0.00	00
Coal (kilogrammes)	00	0.00	00
Wood (kilogrammes)	40	704.00	00
Animal waste (kilogrammes)	10	180.00	00
Solar (kwh)	00	0.00	00
Wind (kwh)	00	0.00	00
LPG (kilogrammes)	28	1444.80	03
Piped Natural Gas (kilogrammes)	00	0.00	00
TOTAL	1288.00	7104.80	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
--	--------	------	-----------------

Air Conditioners	00	00	00
Refrigerator	00	00	00
Microwave	00	00	00
Tube Lights	50	40	03
CFL Bulbs	10	09	04
LED Lights	00	00	00
Fans	50	80	03

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?

180

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.	Ritu Sharma	gsssjagdevkalanasr@gmail.com
2.	Gurjit Singh	gsssjagdevkalanasr@gmail.com
3.	Harjit Kaur	gsssjagdevkalanasr@gmail.com

Administrative staff

Sno.	Name	Email
1.	Gurvinderpal	gsssjagdevkalanasr@gmail.com
2.	Anita Sharma	gsssjagdevkalanasr@gmail.com
3.	Hardevjtpal	gsssjagdevkalanasr@gmail.com
4.	Ranjit Kaur	gsssjagdevkalanasr@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Arwinder Kaur	gsssjagdevkalanasr@gmail.com	12
2.	Mandeep Kaur	gsssjagdevkalanasr@gmail.com	12
3.	Amritpal Kaur	gsssjagdevkalanasr@gmail.com	11
4.	Amandeep Kaur	gsssjagdevkalanasr@gmail.com	11
5.	Arshpreet Kaur	gsssjagdevkalanasr@gmail.com	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	00	00	00
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	00	00	00
Potato fries and Burgers	00	00	00
Confectionery items (chocolate, candies, gums)	00	00	00
Ice-cream	00	00	00
Carbonated beverages	00	00	00
Sugar sweetened noncarbonated beverages	00	00	00
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	00	00	00
Packaged/Bottled Energy Drinks	00	00	00

No documents uploaded by the school.

4

Does your school serve traditional Indian snacks?

Yes

4(a)

Please provide the details:

	Number of plates sold when on the menu
Samosas	0
Idli/vada and sambhar	0
Pav bhaji	0
Momos	0

Others

4

4(b)

Give descriptions for rare local snacks served in your school:?

nil

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.	Sukhwinderpaul Singh	gsssjagdevkalanasr@gmail.com
2.	Chander Mohan	gsssjagdevkalanasr@gmail.com
3.	Gurinderjit Singh	gsssjagdevkalanasr@gmail.com

Administrative staff

Sno.	Name	Email
1.	Gurvinderpal	gsssjagdevkalanasr@gmail.com
2.	Anita Sharma	gsssjagdevkalanasr@gmail.com
3.	Sindhu Mahajan	gsssjagdevkalanasr@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Manjot Singh	gsssjagdevkalanasr@gmail.com	12
2.	Balraj Singh	gsssjagdevkalanasr@gmail.com	12
3.	Rajandeep Kaur	gsssjagdevkalanasr@gmail.com	11
4.	Harsimram Singh	gsssjagdevkalanasr@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 (m ²)	3,530
Ground coverage area	1,310
Green landscaped area on-ground	0
Surface parking area	0
Play area that is paved/ concrete on ground	600
Play area that has grass on ground	1,080

Service Area on ground	540
Roof and terrace area	1,900
Green cover on exposed roof & terrace	0
Total built up/constructed area	1,310
Total no. of floors	2
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	100	00	100
Animals	00	00	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.	Rimple Chaudhary	gsssjagdevkalanasr@gmail.com
2.	Harjit Kaur	gsssjagdevkalanasr@gmail.com
3.	Ritu Sharma	gsssjagdevkalanasr@gmail.com

Administrative staff

Sno.	Name	Email
1.	Gurvinderpal	gsssjagdevkalanasr@gmail.com
2.	Anita Sharma	gsssjagdevkalanasr@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Arpandeep Kaur	gsssjagdevkalanasr@gmail.com	10
2.	Harpreet kaur	gsssjagdevkalanasr@gmail.com	10
3.	Mitterpal Singh	gsssjagdevkalanasr@gmail.com	09
4.	Sukhbir Singh	gsssjagdevkalanasr@gmail.com	09

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	500
Toilet flushing	500
Personal cleaning	50
Washing clothes	00
Cooking	25
Cleaning Utensils	100
Washing Vegetables	10

Mopping floors	00
Gardening	1000
Total	2185

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?

No

4(b) If supply of water is not daily, please tick the correct option

Every alternate day in a week

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?	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

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).

1000

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?

0

10

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

0

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

	Girls	Boys	Common	Total
Number of toilets	02	02	00	4

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

0

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

0

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

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

Used for gardening and horticulture

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Charanjit Singh	gsssjagdevkalanasr@gmail.com
2.	Paramjit Singh	gsssjagdevkalanasr@gmail.com
3.	Gagandeep Singh	gsssjagdevkalanasr@gmail.com

Administrative staff

Sno.	Name	Email
1.	Gurvinderpal	gsssjagdevkalanasr@gmail.com
2.	Anita Sharma	gsssjagdevkalanasr@gmail.com
3.	Sukhjinder Kaur	gsssjagdevkalanasr@gmail.com
4.	Veeran Bala	gsssjagdevkalanasr@gmail.com
5.	Raghubir Kaur	gsssjagdevkalanasr@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Yadwinder Singh	gsssjagdevkalanasr@gmail.com	8
2.	Vijay	gsssjagdevkalanasr@gmail.com	8
3.	Paljinder Singh	gsssjagdevkalanasr@gmail.com	7
4.	Lovepreet Singh	gsssjagdevkalanasr@gmail.com	7
5.	Rajinder Singh	gsssjagdevkalanasr@gmail.com	6
6.	Sukhchain Singh	gsssjagdevkalanasr@gmail.com	6

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. 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	16	00	16	00	00
Playgrounds	1	00	01	00	00
Common area (e.g. reception, corridors)	1	00	01	00	00
Staffroom	0	00	00	00	00
Laboratory	3	00	03	00	00
Canteen	0	00	00	00	00
Clinic/ Sick room	0	00	00	00	00
Library	1	00	01	00	00
Toilets	3	00	03	00	00
Others	0	00	00	00	00
Total	25	0	25	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	40
Kitchen waste	60
Paper	20
Plastic	00
Wood, glass, metal, classroom furniture	00
E-waste	00
Biomedical waste	00

Sanitary waste	60
Construction and Demolition (C & D) waste	00
Hazardous waste	00
Total Generated Solid Waste (in kilogram)	180

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?

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	00	00
VCR or DVD players	0	00	00
Refrigerators and freezers	0	00	00
Washing machines	0	00	00
Air conditioners	0	00	00
Heaters	0	00	00
Microwaves	0	00	00
Ovens	0	00	00
Toasters	0	00	00
Electric Kettles	0	00	00
Personal computers (CPU, mouse, screen and keyboard included)	24	24	00

Laptop computer (CPU, mouse, screen and keyboard included)	0	00	00
Notebook computers	0	00	00
Notepad computers	0	00	00
Printers	1	01	
Copying equipment (Photocopiers)	0	00	00
Projectors	0	00	00
Whiteboards	2	02	00
Electrical & electronic typewriters	0	00	00
Pocket & desk calculators	2	02	00
Fax machines	0	00	00
Telex	0	00	00
Telephones	0	00	00
Pay telephones	0	00	00
Mobiles	0	00	00
Answering systems	0	00	00

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?

Taken back by manufacturer

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

No documents uploaded by the school.

13a

What form do these awareness drives take?

As part of the curriculum , As part of extracurricular activities such as guest lectures

14

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

2

Have teachers from your school participated in teacher interactive workshops organized by the GSP team?

Yes

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?

need necessary guidelines.

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	Good

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?

20.00

Checklist of uploaded documents

1. Pictures of respective audit teams doing survey