



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: K.V. No. 2, Ferozepur Cantt
Address: Near Police Line, Fazilka Road,
FEROZEPUR CANTT, Firozpur, Punjab,
India
Coordinator Name: Ms. Davinder Kaur



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

K.V. No. 2, Ferozepur Cantt

2

Address

Near Police Line, Fazilka Road, FEROZEPUR CANTT, Firozpur, Punjab, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 01632 (NUMBER) 246123

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 7042735352

5

Principal Name

Mr. Ajit Singh Meena

6

GSP Coordinator Name

Ms. Davinder Kaur

7

GSP Coordinator Email

davindersangha.9@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 8146322449

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:1

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?

Central Board of Secondary Education

4 Total permanent population of the school

	Male	Female	Total
Students	464	343	807
Teachers	6	18	24
Non-Teaching Staff	2	2	4
TOTAL	472	363	835

4(b) How many visitors visit your school

350

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

220

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

Nov

7 Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Davinder Kaur	Davinder Kaur
2.	Garima Arora	garimakvs@gmail.com
3.	B. S. Meena	bsmeena2007@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ajit Singh Meena	muskanajit@gmail.com
2.	Kuldeep Kaur	kuldip4059@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Sukhjinder Kaur	sukhjinderkaur1818@yahoo.com	12
2.	Mandeep Singh	mandeepsingh1840@yahoo.com	11
3.	Praveen Kumar	praveenadaush@gmail.com	12
4.	Shubham Gupta	sg19012000@gmail.com	12
5.	Mumtaz	mumtaznazir46@gmail.com	12
6.	Kirandep Kaur	kashish467@yahoo.com	12
7.	Himanshu	roxxtarhimanshu@gmail.com	12
8.	Shubham	sbadhan420@gmail.com	12

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

1 How many classrooms does your school have?

25

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)
I A	455,625.00	115,200.00	25.28

I B	455,625.00	115,200.00	25.28
II A	455,625.00	115,200.00	25.28
II B	455,625.00	115,200.00	25.28
III A	455,625.00	115,200.00	25.28
III B	455,625.00	115,200.00	25.28
IV A	455,625.00	115,200.00	25.28
IV B	455,625.00	115,200.00	25.28
V A	455,625.00	115,200.00	25.28
V B	455,625.00	115,200.00	25.28
TOTAL	4,556,250.00	1,152,000.00	

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
School Bus	0	0	0	0
Public Bus	500	0	0	500
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	0	0	0
Taxi four-wheeler	10	0	0	10
Taxi three-wheeler	140	10	0	150
Personal four-wheeler	0	4	0	4
Personal two-wheeler	0	12	0	12
Bicycle	80	0	0	80

On foot	77	2	0	79
Others (non-motorised)	0	0	0	0
SUB-TOTAL	807	28	0	835

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

5

How many students suffer from respiratory ailments ?

20

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.	Davinder kaur	davindersangha.9@gmail.com
2.	Garima arora	garimakvs@gmail.com
3.	BS Meena	bsmeena2007@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ajit singh meena	muskanajit @gmail.com
2.	Kuldeep kaur	kuldip 4059@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	sukhjinder kaur	sukhjinderkaur1818@yahoo.com	12
2.	praveen kumar	praveendaush@gmail.com	12
3.	Shubham Gupta	sg19012000@gmail.com	12
4.	Mumtaj	mumtajnazir46@gmai.com	12
5.	Himanshu	roxxtarhimanshu@gmail.com	12
6.	Shubham	sbadhan420@gmil.com	12

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)	622	2239.20	1
Electricity from generator (diesel) (litres)	25	1140.00	1
Petrol (litres)	0	0.00	0
Diesel (litres)	0	0.00	0
CNG (kilogrammes)	0	0.00	0
Kerosene (litres)	0	0.00	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)	0	0.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	647.00	3379.20	

Supporting Documents

1. IMG-20161119-WA0005.jpg

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	4	1.5	0
Refrigerator	1	165	3
Microwave	0	0	0
Tube Lights	150	40	0

CFL Bulbs	50	23	0
LED Lights	0	0	0
Fans	200	150	0

Supporting Documents

1. IMG-20161119-WA0006.jpg

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

5

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

270

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.	Davinder Kaur	davindersangha.9@gmail.com
2.	Garima Arora	garimakvs@gmail.com
3.	BS Meena	bsmeena2007@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ajit Singh Meena	muskanajit@gmail.com
2.	Kuleep Kaur	kuldip4059@gmail.com

Students

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2.	Praveen Kumar	praveendaush@gmail.com	12
3.	Mumtaz	mumtaznazir46@gmail.com	12
4.	Kirandeep Kaur	kashish467@yahoo.com	12
5.	Himanshu	roxxtarhimanshu@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?

No

2(a)

Do students bring their own lunch from home?

Yes

No documents uploaded by the school.

2(a)(1)

How many students out of total student population bring home-made lunch?

800.00

2(a)(2)

Of the students who bring lunch from home, how many bring packaged food?

0.00

2(a)(3)

Do teachers have the responsibility to ensure that students are carrying lunch from home?

Yes

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	500	10
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	0	0	0
Potato fries and Burgers	1	1200	10
Confectionery items (chocolate, candies, gums)	4	200	10
Ice-cream	0	0	0
Carbonated beverages	0	0	0
Sugar sweetened noncarbonated beverages	0	0	0
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	2	200	2

Packaged/Bottled Energy Drinks	2	50	2
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Supporting Documents

1. IMG-20161119-WA0008.jpg
2. IMG-20161119-WA0009.jpg

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?

Yes

6(a)

Please provide details

Biscuits, Namkeen,

7

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

Yes

7(a)

Please provide the names?

Dairy Milk

8

Are your school events such as quiz shows, talent shows, debates sponsored by food companies/brands?

No

Supporting Documents

1. IMG-20161119-WA0012.jpg
2. IMG-20161119-WA0014.jpg



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Davinder Kaur	davindersangha.9@gmail.com
2.	Garima Arora	garimakvs@gmail.com
3.	BS Meena	bsmeena2007@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ajit Singh Meena	muskanajit@gmail.com
2.	Kuleep Kaur	kuldip4059@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SukhjinderKaur	sukhjinderkaur1818@yahoo.com	
2.	praveen kumar	praveendaush@gmail.com	
3.	Shubham Gupta	sg19012000@gmail.com	
4.	Mumtaj	mumtaznazir46@gmail.com	

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)	60,704
Ground coverage area	16,187
Green landscaped area on-ground	6,070
Surface parking area	324
Play area that is paved/ concrete on ground	400
Play area that has grass on ground	500
Service Area on ground	60,000

Roof and terrace area	44,516
Green cover on exposed roof & terrace	0
Total built up/constructed area	44,516
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	1500	1000	2500
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?

Yes

No documents uploaded by the school.



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Davinder Kaur	davindersangha.9@gmail.com
2.	Garima Arora	garimakvs@gmail.com
3.	B S Meena	bsmeena2007@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ajit Singh Meena	muskanajit@gmail.com
2.	Kuldeep Kaur	kuldip4059@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Sukhjinder Kaur	sukhjinderkaur1818@yahoo.com`	12
2.	Praveen Kumar	praveendaush@gmail.com	12
3.	Shubham Gupta	sg19012000@gmail.com	12
4.	Mumtaz	mumtaznazir46@gmail.com	12
5.	kirandeep kaur	kashish467@yahoo	12

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	500
Personal cleaning	100
Washing clothes	0
Cooking	10
Cleaning Utensils	10

Washing Vegetables	0
Mopping floors	50
Gardening	1000
Total	2670

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?

Public Health Engineering Department (PHED)

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?	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?	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?	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)	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?

20

9

How many hand pumps do you have?

1

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

15

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

	Girls	Boys	Common	Total
Number of toilets	4	4	1	9

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?

5

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?

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.	Davinder Kaur	davindersangha.9@gmail.com
2.	Garima Arora	garimakvs@gmail.com
3.	B S Meena	bsmeena2007@gmail.com

Administrative staff

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1.	Ajit Singh Meean	muskanajit@gmail.com
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3.	Shubham Gupta	sg19012000@gmail.com	12
4.	Mumtaz	mumtaznazir46@gmail.com	12
5.	Kirandeep Kaur	kashish467@yahoo.com	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. 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	25	0	25	0	0
Playgrounds	2	0	2	0	0
Common area (e.g. reception, corridors)	2	0	2	0	0
Staffroom	1	0	1	0	0
Laboratory	5	0	5	0	0
Canteen	1	0	1	0	0
Clinic/ Sick room	1	0	1	0	0
Library	1	0	1	0	0
Toilets	5	0	5	0	0
Others	3	0	3	0	0
Total	46	0	46	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	25
Kitchen waste	0
Paper	5
Plastic	0
Wood, glass, metal, classroom furniture	10
E-waste	0
Biomedical waste	1
Sanitary waste	2
Construction and Demolition (C & D) waste	10
Hazardous waste	0

Total Generated Solid Waste (in kilogram)

53

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?

Don't know

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	1	1	0
Refrigerators and freezers	1	1	0
Washing machines	0	0	0
Air conditioners	4	4	0
Heaters	15	15	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)	118	83	35
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	10	7	3
Copying equipment (Photocopiers)	2	2	0
Projectors	12	12	0

Whiteboards	15	15	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	5	4	1
Fax machines	1	0	1
Telex	0	0	0
Telephones	2	2	0
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?

Yes

No documents uploaded by the school.

13a

What form do these awareness drives take?

By the showcasing of posters and stickers

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?

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?

Guidance Lectures by expert team required

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?

No

13(a)

If no, why?

No sources available

Checklist of uploaded documents

1. Electricity Bill
2. Picture of Canteen selling UPPF
3. Pictures of respective audit teams doing survey