



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: Kendriya Vidyalaya Fazilka
Address: BSF Campus Quarter number- 36(Type-II), Rampura (Fazilka) - 152123, Fazilka, Fazilka, Punjab, India
Coordinator Name: Anil Kumar Gupta



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

Kendriya Vidyalaya Fazilka

2

Address

BSF Campus Quarter number- 36(Type-II), Rampura (Fazilka) - 152123, Fazilka, Fazilka, Punjab, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 07589234038 (NUMBER) 210239

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9465369363

5

Principal Name

Krishan Kumar

6

GSP Coordinator Name

Anil Kumar Gupta

7

GSP Coordinator Email

anilkumargupta225@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 7589234038

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:10

Highest level of grade:10

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	202	118	320
Teachers	09	03	12
Non-Teaching Staff	06	01	7
TOTAL	217	122	339

4(b)

How many visitors visit your school

1500

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?

Rural Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Dalip Kumar	Dalip Kumar
2.	B P Verma	vermabp24@gmail.com
3.	Kanwar Singh	rinku10855@gmail.com

Administrative staff

Sno.	Name	Email
1.	Simranjeet Kaur	simran.6262@gmail.com
2.	Laxmi	servalaxmi89@gmail.com
3.	Gurjeet Singh	gurjeetbrar536@gmail.com
4.	Shivalika	shivalikagill1234@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Siddharth Miglani	siddharthamiglani786@gmail.con	10
2.	Manish Kumar	mk148698@gmail.com	10
3.	Nawaz	nawazsamim@gmail.com	10
4.	Ankit	masterankit@gmail.com	9
5.	Anmolpreet	anmolpreet529@gmail.com	9
6.	Vineeta	vineetakumarimeena10@gmail.com	9

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

1 How many classrooms does your school have?

10

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	30.00	9.00	30.00

II a	30.00	9.00	30.00
III a	30.00	9.00	30.00
IV a	30.00	9.00	30.00
V a	30.00	9.00	30.00
VI a	30.00	9.00	30.00
VII a	30.00	9.00	30.00
VIII a	30.00	9.00	30.00
IX a	30.00	9.00	30.00
X a	30.00	9.00	30.00
TOTAL	300.00	90.00	

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	30	1	0	31
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	0	0	0
Taxi four-wheeler	100	0	0	100
Taxi three-wheeler	40	0	0	40
Personal four-wheeler	04	0	02	6
Personal two-wheeler	2	10	02	14
Bicycle	40	00	01	41

On foot	43	01	02	46
Others (non-motorised)	61	0	0	61
SUB-TOTAL	320	12	7	339

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?

Yes



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Meena	meenayadav448@yahoo.com
2.	Pratibha Sharma	pratibhapriyaanjali@gmail.com

Administrative staff

Sno.	Name	Email
1.	Lal Chand	lalchand18051970@gmail.com
2.	Shivalika	shivalikagill1234@gmail.com
3.	Simranjeet Kaur	simran.6262@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Yogesh Arya	yogesharya567@gmail.com	10
2.	Ayush Gupta	guptaayush212004@gmail.com	8
3.	Shine	shinetaneja53@gmail.com	9
4.	Rishi Miglani	miglanirishi@yahoo.com	8
5.	Himanshu Bhargava	himanshubhargav123@gmail.com	10

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

No

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)	00	0.00	00
Electricity from generator (diesel) (litres)	00	0.00	00
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)	00	0.00	00
Animal waste (kilogrammes)	00	0.00	00
Solar (kwh)	00	0.00	00
Wind (kwh)	00	0.00	00
LPG (kilogrammes)	00	0.00	00
Piped Natural Gas (kilogrammes)	00	0.00	00
TOTAL	0.00	0.00	

Supporting Documents

1. NO BILLS PAID AS SPONSORING BODY BSF PAYING THIS.docx

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	00	00	00
Refrigerator	01	00	00
Microwave	00	00	00
Tube Lights	50	00	00

CFL Bulbs	20	00	00
LED Lights	00	00	00
Fans	50	00	00

Supporting Documents

1. 789-4 %281%29.jpg
2. 789-4 %283%29.jpg
3. 789-4 %286%29.jpg
4. 789-4 %287%29.jpg
5. 789-4 %288%29.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.	NAVEEN DHINGRA	naveen.dhingra01@gmail.com
2.	Manisha	Maneeshataneja02@gmail.com

Administrative staff

Sno.	Name	Email
1.	Tamanna	Tanusachdeva47@gmail.com
2.	Yashika	Ms.Yashika26@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Ayush Gupta	guptaayush212004@gmail.com	8
2.	Siddharth Miglani	siddharthamiglani768@gmail.com	10
3.	Manish Kumar	mk148698@gmail.com	10
4.	Himanshu	himanshubhargav123@gmail.com	10
5.	Nawaz	nawazsamim@gmail.com	10

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

Supporting Documents

1. 786-6 %281%29.jpg
2. 786-6 %282%29.jpg

3. 786-6 %283%29.jpg

4. 786-6 %284%29.jpg

5. 786-6 %285%29.jpg

2(a)(1)

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

325.00

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	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
--------------------------------	----	----	----

Supporting Documents

1. NO CANTEEN IN THIS VIDYALAYA.docx

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

Supporting Documents

1. KidsMode_IMG_20161117_101357.jpg
2. KidsMode_IMG_20161117_101357.jpg



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	A K Gupta	anilkumargupta225@gmail.com
2.	B P Verma	vermabp24@gmail.com

Administrative staff

Sno.	Name	Email
1.	Sunaina	sunainasharma.375@gmail.com
2.	Vinod Kumar	vinodjalap@yahoo.co.in

Students

Sno.	Name	Email	Grade/Class
1.	Omkar Patil	rakmopatil@gmail.com	10
2.	Yogesh arya	yogesharya567@gmail.com	10
3.	Shine	shinetaneja53@gmail.com	9
4.	Rishi	miglanirishi@yahoo.com	8
5.	Vanshika	vanskika.fazilka@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)	40,000
Ground coverage area	20,000
Green landscaped area on-ground	2,000
Surface parking area	0
Play area that is paved/ concrete on ground	10,000
Play area that has grass on ground	500

Service Area on ground	500
Roof and terrace area	720
Green cover on exposed roof & terrace	0
Total built up/constructed area	720
Total no. of floors	3
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	35	00	35
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

Supporting Documents

1. 133_2535.jpg
2. 133_2536.jpg
3. 133_2542.jpg
4. 133_2543.jpg
5. 133_2545.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Simranjeet Kaur	simran.6262@gmail.com
2.	Pratibha Sharma	priyankabhadoo24@gmail.com

Administrative staff

Sno.	Name	Email
1.	LaL Chand	lalchand18051970@gmail.com
2.	Kanwar Singh	rinku10855@gmail.com
3.	A K Gupta	akgkvs4038@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Rishi Miglani	miglanirishi@yahoo.com	8
2.	Ayush Gupta	guptaayush212004@gmail.com	8
3.	Shine	shinetaneja53@gmail.com	9
4.	Yogesh	yogesharya567@gmail.com	10
5.	Manish	mk148698@gmail.com	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	1000
Toilet flushing	400
Personal cleaning	50
Washing clothes	00
Cooking	00
Cleaning Utensils	20

Washing Vegetables	00
Mopping floors	00
Gardening	500
Total	1970

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

7-12 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?	Yes
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?	No
Any other step taken for water conservation? (if Yes, please specify)	Yes

Supporting Documents

1. 786-7 %281%29.jpg
2. 128_2506.jpg
3. 786-7 %282%29.jpg
4. 786-7 %283%29.jpg
5. 786-7 %284%29.jpg

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).

1000000

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?

5

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

	Girls	Boys	Common	Total
Number of toilets	02	04	04	10

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

10

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

Twice a day

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

17 Does your school treat wastewater?

Yes

18 Does your school reuse the treated wastewater?

No

18(a)

Please specify the fate of wastewater

Used for groundwater recharge

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Shivalika	shivalikagill1234@gmail.com
2.	Dalip Kumar	kumardalip11@gmail.com

Administrative staff

Sno.	Name	Email
1.	Meena	meenayadav448@yahoo.com
2.	Simranjeet	simran.6262@gmail.com
3.	Vinod Kumar	vinodjalap@yahoo.co.in

Students

Sno.	Name	Email	Grade/Class
1.	Symenpreet	symenpreetsingh@gmail.com	7
2.	Ayush Gupta	guptaayush212004@gmail.com	8
3.	Siddharth	siddharthamiglani768@gmail.com	10
4.	Manish	mk148698@gmail.com	10
5.	Himanshu	himanshubhargav123@gmail.com	10

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)
3. Gardener

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	2	0	1	01	00
Playgrounds	8	0	04	04	00
Common area (e.g. reception, corridors)	8	0	04	04	00
Staffroom	2	0	01	01	00
Laboratory	2	0	01	1	00
Canteen	0	0	00	0	00
Clinic/ Sick room	2	0	01	1	00
Library	2	0	01	1	00
Toilets	8	0	04	4	00
Others	8	0	04	4	00
Total	42	0	21	21	0

Supporting Documents

1. 786-7 %287%29.jpg
2. 786-7 %281%29.jpg
3. 786-7 %283%29.jpg
4. 786-7 %282%29.jpg
5. 786-7 %285%29.jpg

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	10
Kitchen waste	00
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)	11

Supporting Documents

1. 786-7 %282%29.jpg

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)				

Supporting Documents

1. 786-7 %282%29.jpg

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)

Supporting Documents

1. 786-8 %282%29.jpg
2. 786-8 %283%29.jpg
3. 786-8 %287%29.jpg

9

Does your school burn waste?

Yes

Supporting Documents

1. 12 %2823%29.jpg
2. 12.jpg

9a

Where does your school burn waste?

Inside the school

9b

What kind of waste is being burnt/ incinerated?

Horticultural

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)	30	30	0
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	4	4	0
Copying equipment (Photocopiers)	1	1	0
Projectors	2	2	0
Whiteboards	1	1	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	0
Pay telephones	0	0	0
Mobiles	1	01	0
Answering systems	0	0	0

Supporting Documents

1. 786-9 %285%29.jpg
2. 786-9 %282%29.jpg
3. 789-4 %284%29.jpg
4. 786-9 %286%29.jpg

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

Supporting Documents

1. 11 %2828%29.jpg
2. 11 %2860%29.jpg

13a

What form do these awareness drives take?

As part of extracurricular activities such as guest lectures

14

Is the study of the environment integrated into the curriculum?

Yes

Supporting Documents

1. 786-9 %2810%29.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?

More and more awareness programmes and incentives should be given to students and teachers taking part in these activities sincerely.

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?

Yes

9(a) If yes, please share your suggestions.

Children should feel responsible & proud towards their surroundings.

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?

30.00

Checklist of uploaded documents

1. Fuel Bills
2. Electricity Bill
3. Picture of 5 star appliances used by school
4. Photographs of lunch boxes
5. Pictures of landscaped area
6. Pictures of dustbins in classroom showing segregation at source
7. Pictures of playground with more than two dustbins
8. Picture of types of solid waste generated
9. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers, etc
10. Pictures of housekeeping staff disposing different types of solid waste
11. Pictures of burning waste
12. Pictures of Electronic items used by school and storage of non-working electronic items
13. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
14. Pictures of respective audit teams doing survey