



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: Kendirya Vidyalaya BSF Jodhpur
Address: K V BSF, Mandore Road, Jodhpur,
Jodhpur, Jodhpur, Rajasthan, India
Coordinator Name: Smt. Babita J. 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

Kendirya Vidyalaya BSF Jodhpur

2

Address

K V BSF, Mandore Road, Jodhpur, Jodhpur, Jodhpur, Rajasthan, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 0291 (NUMBER) 2570097

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9828249251

5

Principal Name

Shri Vivek Yadav

6

GSP Coordinator Name

Smt. Babita J. Singh

7

GSP Coordinator Email

bhatipriyanshi2009@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9828249251

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:12

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	544	410	954
Teachers	29	6	35
Non-Teaching Staff	8	0	8
TOTAL	581	416	997

4(b)

How many visitors visit your school

1

5

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

210

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.	Mrs.Babita J Singh	Mrs.Babita J Singh
2.	R K Choudhary	rk.kv76@gmail.com
3.	Waseem Khan	rjvaseemkhan@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr.Vivek Yadav	vivekyvivek82@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	APARNA KACHHWAHA	deepakhotstocks@gmail.com	10
2.	NIKITA MEENA	dasminaxi@gmail.com	10
3.	SHUBHAM	nehar4914@gmail.com	10
4.	VISHWAJEET	vishwajeetrathore2001@gmail.com	10
5.	SHUBHANGINI	bkgshadei@gmail.com	9
6.	HARDIK	ankitkumar1144774@gmail.com	9

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

1

How many classrooms does your school have?

24

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)
VIIIA	60.00	8.45	14.08
VIIIB	60.00	8.45	14.08
IXA	60.00	8.45	14.08

IXB	60.00	8.45	14.08
XA	60.00	8.45	14.08
XB	60.00	8.45	14.08
XIA	60.00	8.45	14.08
XIB	60.00	8.45	14.08
XIIA	60.00	8.45	14.08
XIIB	60.00	8.45	14.08
TOTAL	600.00	84.50	

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	50	0	0	50
Public Bus	140	2	0	142
School Transport(Other than bus)	00	0	0	0
Public transport (other than bus, Metro, car pool)	192	0	0	192
Taxi four-wheeler	0100	00	0	100
Taxi three-wheeler	0	0	0	0
Personal four-wheeler	10	10	1	21
Personal two-wheeler	35	21	2	58
Bicycle	120	1	2	123
On foot	302	1	1	304
Others (non-motorised)	5	0	02	7

SUB-TOTAL	954	35	8	997
-----------	-----	----	---	-----

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?

Yes

Supporting Documents

1. green.jpg



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Mrs.BABITA J SINGH	bhatipriyanshi2009@gmail.com
2.	R K CHOUDHARY	rk.kv76@gmail.com
3.	VASEEM KHAN	rjvaseemkhan@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr.Vivek Yadav	vivekyvivek82@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	MAHIPAL	mahipalsingh11748@gmail.com	10
2.	YOGESH	y.yadav2002@gmail.com	10
3.	ROBIN	singhgourav16052000@gmail.com	10
4.	ADITHYAN S NAIR	adithyansnair14@gmail.com	10
5.	ANKITA	sewarambana@gmail.com	10
6.	NIKITA	sewarambana@gmail.com	10

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 %281%29-page-001.jpg
2. Electricity_bill %281%29-page-002.jpg
3. Electricity_bill %281%29-page-003.jpg
4. Electricity_bill %281%29-page-004.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)	14167	51001.20	1
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)	166.68	3000.24	0
Solar (kwh)	0	0.00	0
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	02	103.20	5
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	14335.68	54104.64	

Supporting Documents

1. Fertilizer-page-001.jpg
2. Fertilizer-page-002.jpg

4

What appliances does your school have?

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

Air Conditioners	5	1.5	0
Refrigerator	1	180	5
Microwave	0	0	0
Tube Lights	310	60	0
CFL Bulbs	0	0	0
LED Lights	09	10	0
Fans	140	40	0

Supporting Documents

1. 5Star Ac.jpg
2. freez.jpg

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

5

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

300

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.	Mrs.BABITA J SINGH	bhatipriyanshi2009@gmail.com
2.	Mr.R K CHOUDHARY	rk.kv76@gmail.com
3.	Mr.VASEEM KHAN	rjvaseemkhan@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr.VIVEK YADAV	vivekyvivek82@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	YOGESH	y.yadav2002@gmail.com	10
2.	ROBIN	singhgaurav16052000@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. tiffin.jpg

2(a)(1) How many students out of total student population bring home-made lunch?

992.00

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	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

Supporting Documents

1. audit team.jpg
2. audit team2.jpg
3. audit team3.jpg



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. BABITA J SINGH	bhatipriyanshi2009@gmail.com
2.	R K Choudhary	rk.kv76@gmail.com
3.	VASEEM KHAN	rjvaseemkhan@gmail.com

Administrative staff

Sno.	Name	Email
1.	MR. VIVEK YADAV	vivekyvivek82Gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	YOGESH YADAV	y.yadav2002@gmail.com	10
2.	ROBIN	singhgourav16052000@gmail.com	10
3.	ADITYAN	y.yadav2002@gmail.com	10

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)	33,395
Ground coverage area	15,300
Green landscaped area on-ground	5,000
Surface parking area	0
Play area that is paved/ concrete on ground	5,000
Play area that has grass on ground	0
Service Area on ground	10
Roof and terrace area	2,739

Green cover on exposed roof & terrace	0
Total built up/constructed area	4,500
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	60	0	60
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

Supporting Documents

1. green.jpg
2. ground.jpg
3. green.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	MRS.BABITA J SINGH	bhatipriyanshi2009@gmail.com
2.	R K CHOUDHARY	rk.kv76gmail.com
3.	VASEEM KHAN	rjvaseemkhan@gmail.com

Administrative staff

Sno.	Name	Email
1.	MR.VIVEK YADAV	vivekyvivek82@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	YOGESH	y.yadav2002@gmail.com	10
2.	ROBIN	y.yadav2002@gmail.com	10
3.	ADITYAN	y.yadav2002@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	2000
Toilet flushing	2000
Personal cleaning	50
Washing clothes	0
Cooking	0
Cleaning Utensils	50
Washing Vegetables	0
Mopping floors	100

Gardening	2500
Total	6700

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

3 Who supplies the water in your school?

Public Health Engineering Department (PHED), 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?	Yes
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?	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?	No
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. Picture1.jpg
2. Picture2.jpg
3. Picture3.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).

2000

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?	Yes
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?	No
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?

0

10

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

50

11

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

	Girls	Boys	Common	Total
Number of toilets	2	2	1	5

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?

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

Twice 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.	MRS.BABITA J SINGH	bhbhatipriyanshi2009@gmail.com
2.	R K Choudhary	rk.kv76@gmail.com

Administrative staff

Sno.	Name	Email
1.	MR.VIVEK YADAV	

Students

Sno.	Name	Email	Grade/Class
1.	YOGESH	y.yadav2002@gmail.com	10
2.	ROBIN		10
3.	ADITYAN		10

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	24	0	24	0	0
Playgrounds	2	0	2	0	0
Common area (e.g. reception, corridors)	1	0	1	0	0
Staffroom	2	0	2	0	0
Laboratory	5	0	5	0	0
Canteen	0	000	0	0	0

Clinic/ Sick room	2	0	2	0	0
Library	2	0	2	0	0
Toilets	7	0	5	1	1
Others	6	0	5	1	0
Total	51	0	48	2	1

Supporting Documents

1. Dustbin.jpg
2. class.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	40
Kitchen waste	0
Paper	5
Plastic	0
Wood, glass, metal, classroom furniture	2
E-waste	0
Biomedical waste	0
Sanitary waste	1
Construction and Demolition (C & D) waste	1
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	49

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

Supporting Documents

1. dust.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	60	50	10
Refrigerators and freezers	1	1	0
Washing machines	0	0	0
Air conditioners	5	5	0
Heaters	1	1	0
Microwaves	0	0	0
Ovens	0	0	0
Toasters	0	0	00
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	50	50	0
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	7	7	0
Copying equipment (Photocopiers)	2	2	0
Projectors	15	15	0
Whiteboards	2	2	0

Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	5	5	0
Fax machines	1	1	0
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?

As part of extracurricular activities such as guest lectures

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.

pls provide us relvent activities

4

Was the audit easy-to-understand and self-explanatory?

No

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?

No

6(a)

If no, why?

we are doing our best efforts to be a green school but it requires many resources.

7

What would be the help required to make your school a Green School?

Financial,training and other related resources.

8

How would you rate the overall design of the audit?

Aspect	Good / Average /Bad
Content	Average
Distribution of time among tasks	Bad
Sequencing of tasks	Average

Orientation for conducting tasks	Average
9	<p>Would your school like to recommend any topic/s that you strongly feel should be added or deleted in the audit?</p> <p>No</p>
10	<p>Could you finish all the tasks in given period of time online?</p> <p>No</p>
11	<p>How many times did you contact the Green Schools Programme Team for guidance and counseling?</p> <p>Twice</p>
12	<p>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?</p> <p>Yes</p>
13	<p>Did your students enjoy doing the Water activities?</p> <p>Yes</p>
13(a)	<p>How many students were involved in the activities?</p> <p>20.00</p>

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 Green Cover
6. Pictures of landscaped area
7. Building construction plan
8. Pictures of dustbins in classroom showing segregation at source
9. Pictures of playground with more than two dustbins
10. Pictures of housekeeping staff disposing different types of solid waste
11. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
12. Pictures of respective audit teams doing survey