

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA BUXAR

Address: CAMPUS OF MP HIGH SCHOOL, NEAR

RAM REKHA GHAT, BUXAR, Buxar,

Bihar, Buxar, Bihar, India

Coordinator Name: Mr. Anil Kumar G



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

KENDRIYA VIDYALAYA BUXAR

2 Address

CAMPUS OF MP HIGH SCHOOL, NEAR RAM REKHA GHAT, BUXAR, Buxar, Bihar, Buxar, Bihar, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 06183 (NUMBER) 227480

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 7760978190

5 Principal Name

Mr. Anil Kumar G

6 GSP Coordinator Name

Mr. Anil Kumar G

GSP Coordinator Email

kvbuxar@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 7760978190

g Category Of The School

Day Scholar + Day Boarding

School Shifts

Morning

GENERAL QUESTIONS

How many levels does your school have?

Lowest level of grade:10 Highest level of grade:10

ls your school single gender or mixed gender?

Mixed/Co-education

Which board of education does the school follow?

Central Board of Secondary Education

Total permanent population of the school

	Male	Female	Total
Students	250	205	455
Teachers	10	4	14
Non-Teaching Staff	4	0	4
TOTAL	264	209	473

4(b) How many visitors visit your school

40

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

202

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

Nov

Where is the school located?

Rural Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Mr. R.B Prasad	Mr. R.B Prasad
2.	Mr. D.N. Vishwakarma	dvvishwakarma8@gmail.com
3.	Mr. Awadhesh Kumar Pandey	awadhesh.kvs@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. Anil Kumar G	kvbuxar@gmail.com
2.	Mr. M. Prasad	kvbuxar@gmail.com
3.	Mr. Vinay Kumar	vinaykr09@rediffmail.com
4.	Mr. Sanjeev Kr Choudhary	sanjeevkvbth@gmail.com
5.	Mr. Vinit Kumar Sinha	vinitsinha@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Vinay Kumar	vinaykumarcsa123123@gmail.com	
2.	Vibhash Kumar	yadavvibhash2510@gmail.com	
3.	Gourav Kumar Ojha	gauravojha102@gmai.com	
4.	Abhay Prasad	abhayprasad2003@gmail.com	
5.	Rishu Kumar Pandey	pandeyrishu176@gmail.com	
6.	Rounak Singh	rs9473155@gmail.com	
7.	Bhola Kumar Gond	bholakumarbxr@gmail.com	
8.	Vishvendra Kumar	vishvendra561@gmail.com	
9.	Vishal Kumar	poppingtick.7250301319@gmail.com	
10.	Akash Kumar	akka.akash07@gmail.com	

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

1

How many classrooms does your school have?

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)
Class I	20.00	20.00	100.00
Class II	20.00	20.00	100.00
Class III	20.00	20.00	100.00
Class IV	20.00	20.00	100.00
Class V	25.00	22.00	88.00
Class VI	37.00	25.00	67.57
Class VII	25.00	23.00	92.00
Class VIII	25.00	23.00	92.00
Class IX	58.00	58.00	100.00
Class X	37.00	37.00	100.00
TOTAL	287.00	268.00	

Task 3: How eco-friendly are the vehicles in your school?

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?

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	0	0	0	0
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	0	0
Personal two-wheeler	0	3	0	3
Bicycle	150	0	0	150
On foot	200	11	4	215
Others (non-motorised)	55	0	0	55
SUB-TOTAL	455	14	4	473

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



Does the school laboratory have air quality monitoring equipment?

No

6(a)

No documents uploaded by the school.

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. Rajesh Bhim Prasad	rajeshbhimprasad74@gmail.com
2.	Mr. D.N Vishwakarma	dvvishwakarma8@gmail.com
3.	Mr. Narendra Upadhyay	narendraupadhyaybxr@gmail.com

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4.	Mr. Vinit Sinha	vinitsinha25@gmail.com
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4.	Abhay Prasad	abhayprasad2003@gmail.com	
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6.	Rounak Singh	rs9473155@gmail.com	
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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

Does your school have its own vehicles?

No

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)	59	212.40	0
Electricity from generator (diesel) (litres)	30	1368.00	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)	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	89.00	1580.40	

Supporting Documents

1. fuel bill 001.jpg

	Number	Size	BEE Star Rating
Air Conditioners	0	0	0
Refrigerator	0	0	0
Microwave	0	0	0
Tube Lights	0	0	0
CFL Bulbs	10	24	3
LED Lights	15	14	4
Fans	40	100	3

No documents uploaded by the school.

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

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

80

Are there any alternate sources of energy employed/installed in your school?

No

No documents uploaded by the school for energy chapter.



Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	Mr. R.B Prasad	rajeshbhimprasad74@gmail.com
2.	Mr. D.N. Vishwakarma	dvvishwakarma8@gmail.com
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5.	Mr. Nirmal Choudhary	nirmalchoudharykvs@gmail.com

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10.	Akash Kumar	akka.akash07@gmail.com	

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

Does your school serve midday meals?

No

2(a) Do students bring their own lunch from home?

Yes

Supporting Documents

1. Lunch Box.jpg

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

455.00

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?

No

Task 3: What kind of food is served/sold in your school

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

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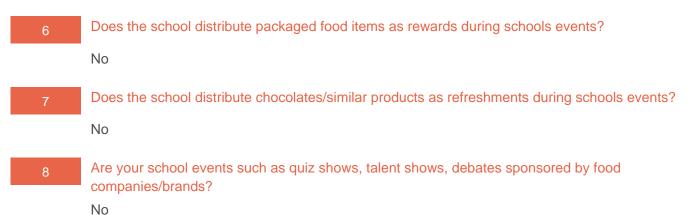
Sugar sweetened noncarbonated beverages	0	0	0
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	0	0
Packaged/Bottled Energy Drinks	0	0	0

No documents uploaded by the school.



No

Task 4: What kind of food does your school promote?



No documents uploaded by the school.



Task 1: Land Audit Team

Teachers

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2.	Mr. D.N Vishwakarma	dnvishwakarma8@gmail.com
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Task 2: Measure the four critical areas of your school campus

Complete the table:

1

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Site area in square meter (m2)	7,500
Ground coverage area	4,000
Green landscaped area on-ground	200
Surface parking area	200
Play area that is paved/ concrete on ground	300
Play area that has grass on ground	100
Service Area on ground	0
Roof and terrace area	50
Green cover on exposed roof & terrace	0
Total built up/constructed area	2,000
Total no. of floors	1
Others	0

Task 3: Explore the number of species of plants and animals in your school

How many species of plants and animals exist in your school?

	Native	Exotic	Total
Plants	2	1	3
Animals	0	0	0

Task 4: Find out if your school uses pesticides

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.	Mr. R. B Prasad	rajeshbhimprasad74@gmail.com
2.	Mr. D.N Vishwakarma	dvvishwakarma8@gmail.com
3.	Ms. Nirmal CHoudhary	nirmalchoudharykvs@gmail.com

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10.	Akash Kumar	akka.akash07@gmail.com	

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	200
Toilet flushing	500
Personal cleaning	300
Washing clothes	0
Cooking	0
Cleaning Utensils	30
Washing Vegetables	0
Mopping floors	10
Gardening	5
Total	1045

Task 3: What are the sources, supply and storage of water in your school

Where does the water your school uses, come from?

Ground water

Who supplies the water in your school?

School's own supply (bore well, rainwater harvesting facility, etc)

Does your school get daily water supply?

Yes

If supply of water is daily, please tick the correct option

19-24 hours

Task 4: What are the water conservation practices followed in your school?

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?	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?	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?

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

No

6(a) Calculate your school's rainwater harvesting potential (in litres).

Task 6: Are the plumbing and sanitation facilities in your school adequate?

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

How many drinking water taps do you have?

2

How many hand pumps do you have?

2

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

1

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

	Girls	Boys	Common	Total
Number of toilets	2	2	2	6

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

0

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

0

Is there a water storage system in place to supply water in the toilets?

Yes

ls the water supply sufficient?

Yes

Are the toilets cleaned?

Yes

16(a) If yes, please specify

More than twice a day

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

Does your school treat wastewater?

No

Does your school reuse the treated wastewater?

No

Please specify the fate of wastewater

Wastewater flows directly to the drains

No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Mr. R.B Prasad	rajeshbhimprasad74@gmail.com
2.	Mr. D.N Vishwakarma	dnvishwakarma8@gmail.com
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Task 2: What is the waste segregation system in your school?

1

Does your school segregate solid waste?

No

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	1	0	0	1	0
Playgrounds	2	2	0	0	0
Common area (e.g. reception, corridors)	2	2	0	0	0
Staffroom	1	0	0	1	0
Laboratory	1	1	0	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	0	0	0	0	0
Library	1	1	0	0	0
Toilets	1	0	0	1	0
Others	2	1	1	0	0
Total	11	7	1	3	0

No documents uploaded by the school.

Task 3: How much waste does your school generate?

Determine the quantity of waste generated in your school. (in kilogram)

	Collection per month (Frequency may differ)
Garden/ horticulture waste	0.5
Kitchen waste	0
Paper	0.5
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)	1

No documents uploaded by the school.

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

Does your school recycle any generated waste?

No

Does your school have a composting facility?

No

Does your school encourage students & teachers to reuse textbooks?

Yes

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?

Landfill Site

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	0	0	0
Refrigerators and freezers	0	0	0
Washing machines	0	0	0
Air conditioners	0	0	0
Heaters	3	2	1
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)	55	35	20

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

No documents uploaded by the school.

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

No

Task 6: School's initiatives



No

Are there awareness drives with regard to Reduce, Recycle and Reuse?

No

ls the study of the environment integrated into the curriculum?

Yes

No documents uploaded by the school.



FEEDBACK

Has your school participated in the Green Schools Programme (GSP) Audit before?

No

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

No

Did you find the online information relevant to your environmental education activities?

Yes

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

No

Did you understand the present format of the GSP?

Yes

Do you think your school will be a Green School (resource efficient) by 2019?

Yes

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

Kendriya Vidyalaya is running on temporary site.

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

Would your school like to recommend any topic/s that you strongly feel should be added or deleted in the audit?

No

Could you finish all the tasks in given period of time online?

Yes

How many times did you contact the Green Schools Programme Team for guidance and counseling?

Never

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

Did your students enjoy doing the Water activities?

Yes

How many students were involved in the activities?

Checklist of uploaded documents

15.00

- 1. Fuel Bills
- 2. Electricity Bill
- 3. Photographs of lunch boxes