



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: Kendriya Vidyalaya Raghunathpura
Address: Singhania road, Raghunathpura
NARNAUL, NARNAUL, Mahendragarh,
Haryana, India
Coordinator Name: Bharti yadav



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 Raghunathpura

2

Address

Singhania road, Raghunathpura NARNAUL, NARNAUL, Mahendragarh, Haryana, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 1282 (NUMBER) 252314

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9467737170

5

Principal Name

Nirmala Budania

6

GSP Coordinator Name

Bharti yadav

7

GSP Coordinator Email

Bhartiyadavmca@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9812894828

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: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	244	193	437
Teachers	23	6	29
Non-Teaching Staff	5	0	5
TOTAL	272	199	471

4(b)

How many visitors visit your school

10

5

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

270

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.	Vijay Kumar Yadav	Vijay Kumar Yadav
2.	HB Mishra	hbmishra64@gmail.com
3.	Ajay Kumar	AjayaSamir@gmail.com

Administrative staff

Sno.	Name	Email
1.	Sunil Kumar	
2.	Vijay Kumar	
3.	Amit Kuamr	
4.	Ajaya Kumar	
5.	RD Sharma	

Students

Sno.	Name	Email	Grade/Class
1.	Kamani		12
2.	Pawan		12
3.	Divya Sharma		12
4.	Sunana		12
5.	Ankul Singh		10
6.	Anuj		12
7.	prince		9
8.	keshar sharma		8
9.	pranjal		9
10.	jayant yadav		10

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

1

How many classrooms does your school have?

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)
1	25.00	20.00	80.00
2	20.00	20.00	100.00
3	20.00	15.00	75.00
4	20.00	20.00	100.00
5	20.00	20.00	100.00
6	20.00	20.00	100.00
7	20.00	20.00	100.00
8	25.00	25.00	100.00
9	20.00	20.00	100.00
10	30.00	20.00	66.67
TOTAL	220.00	200.00	

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	0	0	0	0
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	0	0	0
Taxi four-wheeler	0	0	0	0

Taxi three-wheeler	0	0	0	0
Personal four-wheeler	150	4	0	154
Personal two-wheeler	50	20	4	74
Bicycle	10	0	0	10
On foot	225	6	2	233
Others (non-motorised)	0	0	0	0
SUB-TOTAL	435	30	6	471

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.	Amit Kumar Jangid	ashamit.sikar@gmail.com
2.	Sonia Saini	soniasaini@gmail.com
3.	Promila	promila.nnl@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ghanshyam	
2.	suresh Kuamr	
3.	K K Sharma	
4.	Kailesh Chand	
5.	Vijay Kumar	

Students

Sno.	Name	Email	Grade/Class
1.	Aman		12
2.	Jitender		12
3.	Rahul Choudhary		12
4.	Rahul Mann		12
5.	Shikha		7
6.	Youvraj		5
7.	Chitwwan		6
8.	vikash sharma		8
9.	Mukesh Kuamr Singh		9
10.	Aman		8

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)	25000	90000.00	0
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)	0	0.00	0
Solar (kwh)	0	0.00	0
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	40	2064.00	1
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	25040.00	92064.00	

No documents uploaded by the school.

4 What appliances does your school have?

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

Air Conditioners	3	1.5	3
Refrigerator	1	220	0
Microwave	0	0	0
Tube Lights	50	40 WATT	0
CFL Bulbs	50	10 WATT	0
LED Lights	0	0	0
Fans	50	0	0

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?

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.	Deepak Kumar	deepakkumar.nnl@gmail.com
2.	B s Yadav	bsyadav.silarur@gmail.com
3.	H K Yadav	hkyadav@gmail.com

Administrative staff

Sno.	Name	Email
1.	Vijay Kuamr Yadav	
2.	Sunil Kumar	
3.	RD sharma	
4.	Sarita Yadav	
5.	Suman soni	

Students

Sno.	Name	Email	Grade/Class
1.	Ankit		11
2.	Ashwani Kumar		11
3.	Pooja		11
4.	PReeti		9
5.	Pawan Kuamr		9
6.	Kritika Yadav		6
7.	Dev Sharma		6
8.	Poonam		9
9.	Nithi		9
10.	Suamn		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

No documents uploaded by the school.

2(a)(1)

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

300.00

2(a)(2)

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

10.00

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	10	0	0
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	10	0	0
Potato fries and Burgers	5	0	0
Confectionery items (chocolate, candies, gums)	15	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	20	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?

Yes

6(a) Please provide details

frooti & bisckits

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.	Hari Bans Mishra	hbmishra64@gmail.com
2.	Vijay Kumar Yadav	mevkyadav11@rediffmail.com
3.	Ajay Kumar	ajaysamir@gmail.com

Administrative staff

Sno.	Name	Email
1.	Sunil Kumar	
2.	Ajaya Kuamr	
3.	SP awana	
4.	amit kumar	
5.	binnu Kuamr	

Students

Sno.	Name	Email	Grade/Class
1.	Duli Chand		9
2.	raj Kuamr		9
3.	Ajay Lamba		8
4.	Jitender Yadav		12
5.	Ankita LAmba		11
6.	Saurav Khandwal		10
7.	Preeti		9
8.	Rahul		12
9.	Neeraj		8
10.	Keshaav Sharma		8

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)	16,000
Ground coverage area	3,000
Green landscaped area on-ground	2,000
Surface parking area	0
Play area that is paved/ concrete on ground	1,000
Play area that has grass on ground	1,000
Service Area on ground	1,000
Roof and terrace area	3,000
Green cover on exposed roof & terrace	2,000
Total built up/constructed area	2,000
Total no. of floors	1
Others	1

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	0	100
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.	Bharti Yadav	bhartiyaavmca@gmail.com
2.	Saritayadav	saritayadav.nnl@gmail.com
3.	Sunil Kumar	skyadav84@gmail.com

Administrative staff

Sno.	Name	Email
1.	B S Yadav	
2.	Ajay Kuamr	
3.	Amit Kuamr	
4.	Binnue Kumar	
5.	Sarita Yadav	

Students

Sno.	Name	Email	Grade/Class
1.	Deepanjali		7
2.	Mamata		9
3.	Shruti		9
4.	Amisha		9
5.	prjanjal		9
6.	pawan kuamr		10
7.	sourav khanwal		12
8.	Rahul		12
9.	Sumit		8
10.	Keshav Sharma		8

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	100
Personal cleaning	200
Washing clothes	0
Cooking	0
Cleaning Utensils	50
Washing Vegetables	0
Mopping floors	20
Gardening	200
Total	1070

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

=1 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?	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)	Yes

No documents uploaded by the school.

Task 5: Does your school harvest rainwater?

6

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

Yes

6(a)

Does your school harvest different catchments?.

No

6(b)

How does your school harvest rainwater?

By storing

6(b)(1)

If your school only stores rainwater, please select the use of stored rainwater.

Gardening

6(b)(2)

Does your school have rainwater storage tank?

No

6(c)

How much area in your school is harvested?

61 to 70 per cent

6(d)

Please select (from the list given below) the rainwater harvesting structures present in your school

Storage tank

6(e) Rate your catchment on cleanliness:

Good

No documents uploaded by the school.

6(f) Does your school clean your catchment and system (structure)?

No

6(g) Does your school monitor the rainwater harvesting structure for its efficiency?

Yes

6(g)(1) Please specify when does your school monitor the groundwater level?

Pre-monsoon

6(h) What is the trend of groundwater level in your school across the year?

No change

6(i) If your school's RWH structure is more than a year old, is there any improvement in the groundwater quality after the implementation of the RWH structure?

No

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?

4

9

How many hand pumps do you have?

0

10

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

4

11

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

	Girls	Boys	Common	Total
Number of toilets	3	3	2	8

12

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

12

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

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

Wastewater flows directly to the drains

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	H k Mishra	Hbmishra.nnl@gmail.com
2.	Vk yadav	mevkyadav11@rediffmail.com
3.	Hk yadav	Hkyadav74@gmail.com

Administrative staff

Sno.	Name	Email
1.	S.P.Awana	spawana@gmail.com
2.	Ajay kumar	ajaykobra@gmail.com
3.	Jagdish prashad	Jp.narnaul@gmail.com
4.	Sunil kumar	Skyadav84@gmail.com
5.	Ajay kumar	ajaysamir@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Priyanhsu		6
2.	divya		6
3.	megha		6
4.	pankaj		6
5.	dushyant		6
6.	harsha		7
7.	keshav		8
8.	raj kuamr		9
9.	pawan		10
10.	pramjeet		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	13	10	1	1	1
Playgrounds	13	10	1	1	1
Common area (e.g. reception, corridors)	8	5	1	1	1
Staffroom	4	1	1	1	1
Laboratory	4	1	1	1	1
Canteen	0	0	0	0	0
Clinic/ Sick room	1	1	0	0	0
Library	4	1	1	1	1
Toilets	1	1	0	0	0
Others	4	01	01	01	1
Total	52	31	7	7	7

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	2000
Kitchen waste	0
Paper	50
Plastic	5

Wood, glass, metal, classroom furniture	20
E-waste	5
Biomedical waste	0
Sanitary waste	5
Construction and Demolition (C & D) waste	5
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	2090

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?

Open dumping

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	1	1	0
Washing machines	0	0	0
Air conditioners	6	3	3
Heaters	2	2	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)	95	55	40
Laptop computer (CPU, mouse, screen and keyboard included)	1	1	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	6	5	1
Copying equipment (Photocopiers)	3	2	1
Projectors	17	9	8
Whiteboards	28	14	14
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	10	5	5
Fax machines	1	1	0
Telex	0	0	0
Telephones	1	1	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?

No

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?

Yes

1(a)

If yes, then in which year did your school first participate in the GSP Audit?

2015

1(b)

If yes, how many times have you done the audit?

1

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?

by planting & maintaining different gardens & plants.

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	Average

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?

100.00

Checklist of uploaded documents

1. Electricity Bill