



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: Kendriya Vidyalaya No.3 Baad, Mathura
Address: Kendriya Vidyalaya No.3, Railway Colony
Baad, Mathura, Mathura, MATHURA,
MATHURA, Uttar Pradesh, India
Coordinator Name: HEMENDRA KUMAR KULSHRESHTHA



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 No.3 Baad, Mathura

2

Address

Kendriya Vidyalaya No.3, Railway Colony Baad, Mathura, Mathura, MATHURA, MATHURA, Uttar Pradesh, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 0565 (NUMBER) 2432193

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9596770154

5

Principal Name

NEELIMA SONI

6

GSP Coordinator Name

HEMENDRA KUMAR KULSHRESHTHA

7

GSP Coordinator Email

hkulshreshtha1961@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9675861194

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:5

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	833	616	1449
Teachers	29	22	51
Non-Teaching Staff	7	0	7
TOTAL	869	638	1507

4(b)

How many visitors visit your school

45

5

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

250

6

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

Sep, Oct, Nov

7

Where is the school located?

Rural Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	H K Kulshreshtha	H K Kulshreshtha
2.	Rameshwar Kuntal	kuntal.rameshwar@gmail.com
3.	R P Sharma	sharma.rajendra88@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ms. Neelima Soni	kvbaadmathura@gmail.com
2.	Mohkam Singh	mohkamsingh32@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Deepak	deepak990512@gmail.com	
2.	Sadhna	sadhna5018@gmail.com	
3.	Navita	222navita@gmail.com	
4.	Pravesh	spravesh1999@gmail.com	
5.	Pooja	tpsingh800.ts@gmail.com	
6.	Pranshul Singh	pranshul183@gmail.com	
7.	Preeti Chaudhary	preetichaudhary123@gmail.com	
8.	Shyamu Pujari	shyamu.pujari@gmail.com	

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

1 How many classrooms does your school have?

36

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,B,C	446.70	103.80	23.24

II A,B,C	417.90	85.80	20.53
III A,B,C	438.00	103.80	23.70
IV A,B,C	409.80	81.00	19.77
V A,B,C	338.70	72.30	21.35
VI A,B,C & VII A,B,C	949.20	266.40	28.07
VIII A,B,C & IX A,B,C	793.80	243.00	30.61
X A,B,C	476.10	108.00	22.68
XI A,B,C	558.90	129.60	23.19
XII A,B,C	396.90	121.50	30.61
TOTAL	5,226.00	1,315.20	

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	1100	0	0	1100
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	349	0	0	349
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	0	0	0	0
Personal four-wheeler	6	0	0	6
Personal two-wheeler	40	0	0	40
Bicycle	0	0	0	0

On foot	12	0	0	12
Others (non-motorised)	0	0	0	0
SUB-TOTAL	1507	0	0	1507

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

5

How many students suffer from respiratory ailments ?

12

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.	H K Kulshreshtha	hkulshreshtha1961@gmail.com
2.	Rameshwar kuntal	kuntal.rameshwar@gmail.com
3.	R P Sharma	sharma.rajendra88@gmail.com

Administrative staff

Sno.	Name	Email
1.	Neelima Soni	kvbaadmathura@gmail.com
2.	Mohkam Singh	mohkamsingh32@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Deepak	deepak990512	
2.	Sadhana	sadhana5018@gmail.com	
3.	Navita	222navita@gmail.com	
4.	Pravesh	spravesh1999@yahoo.in	
5.	Pooja	tpsingh800.ts@gmail.com	
6.	Pranshul Singh	pranshul183@gmail.com	
7.	preeti chaudhary	preetichaudhary123@gmail.com	
8.	Shyamu Pujari	shyamu.pujari@gmail.com	

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. light bill.jpeg

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)	2380	8568.00	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)	0	0.00	0
Solar (kwh)	0.616	2.22	1
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	0	0.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	2380.62	8570.22	

Supporting Documents

1. light bill.jpeg

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	11	1.5	3 star

Refrigerator	1	165	4 star
Microwave	0	0	0
Tube Lights	120	40	0
CFL Bulbs	40	14	0
LED Lights	14	7	0
Fans	230	100	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?

330

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.	R S Singh	rsrssingh79@gmail.com
2.	Pran Pallavi	p.pallavi.must@gmail.com
3.	Manhar Chauhan	manharkv@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ms Neelima Soni	kvbaadmathura@gmail.com
2.	Amit Sinha	sinhaamitsgr1977@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Siwani Kumar	sureshattri2@gmail.com	9
2.	Muskan Agrawal	agrawalbarkha123@gmail.com	9
3.	Harshit Agrawal	shivangiagrawal075@gmail.com	9
4.	Priya	preetidanture31200@gmail.com	9
5.	Upendra Kumar	upendrasingh0082@gmail.com	9
6.	shivani singh	sharats91@yahoo.com	9
7.	Alka Meena	ashishmeena407@gmail.com	10
8.	Jaya upadhyay	shupendraprasad12@gmail.com	10
9.	Ravi Kumar	sanjuprasad518@gmail.com	10
10.	Aditya Kumar	adityaagrawal999@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

Yes

2

Does your school serve midday meals?

No

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

Yes

Supporting Documents

1. lunchbox.jpg

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

1449.00

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	8	350	10
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)	3	30	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	0	0	0
Packaged/Bottled Energy Drinks	0	0	0

Supporting Documents

1. canteen.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 packets provided on the events of 15 August, 26 January, CCA and scout and guides activities

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.	H K Kulshreshtha	hkulshreshtha1961@gmail.com
2.	A K Chaudhary	akhilesh.chaudhary941@gmail.com
3.	Awadhesh Kumar	awadhesh2699@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ms. Neelima Soni	kvbaadmathura@gmail.com
2.	Mohkam Singh	mohkamsingh32@gmail.com
3.	Rakhi	rakhikant.kvs@gmail.com
4.	Rambeer Singh	rsgurjar82@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	RIcha	r_trip79@rediffmail.com	11
2.	Sandeep	sandeep@gmail.com	11
3.	Sweeti	ksweeti937@gmail.com	11
4.	Satyarth	satyarth2@gmail.com	11
5.	Jyoti Baghel	Jyotibaghel606@gmail.com	11
6.	Kapil	kapil1799@gmail.com	10
7.	Arti	kumar8532087815@gmail.com	11
8.	Nitish	nitishkumar23071999@gmail.com	11
9.	Ashutosh	coolashutosh321@gmail.com	11
10.	Deeksha	deekshachaudhary@gmail.com	11

Task 2: Measure the four critical areas of your school campus

1

Complete the table:

	Your school's area
Site area in square meter (m ²)	3,998

Ground coverage area	364
Green landscaped area on-ground	436
Surface parking area	0
Play area that is paved/ concrete on ground	400
Play area that has grass on ground	3,000
Service Area on ground	12,000
Roof and terrace area	30,000
Green cover on exposed roof & terrace	0
Total built up/constructed area	46,000
Total no. of floors	2
Others	100

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	7	30	37
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. arra1.jpg
2. area.jpg
3. pp.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Awadhesh Kumar	awadhesh2699@gmail.com
2.	Rameshwar Kuntal	kuntal.rameshwar@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ms Neelima Soni	kvbaadmathura@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Richa	r_trip79@rediffmail.com	11
2.	Sandeep	sandeep@gmail.com	11
3.	Sweeti	ksweety937@gmail.com	11
4.	Satyarth	satyarth2@gmail.com	11
5.	Jyoti Baghel	jyotibaghel606@gmail.com	11
6.	Kapil	kapil1799@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	8000
Personal cleaning	400
Washing clothes	0
Cooking	0
Cleaning Utensils	0
Washing Vegetables	0

Mopping floors	300
Gardening	6000
Total	16700

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?

Municipality, 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?	Yes
Does your school use appliances with a quick-wash setting?	No
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?	No
Does your school use a drip or irrigation system?	Yes

Any other step taken for water conservation? (if Yes, please specify)

No

Supporting Documents

1. point2.jpg
2. water point.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).

1965600

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?

22

9 How many hand pumps do you have?

0

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

14

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

	Girls	Boys	Common	Total
Number of toilets	5	5	0	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?

3

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

No

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?

Yes

18(a) How does your school reuse wastewater?

Gardening, Flushing

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Rambeer Singh	rsgurjar82@gmail.com
2.	Suman Soni	sonishivansh1234@gmail.com
3.	Nitin Gaur	nitingaurkvs@gmail.com

Administrative staff

Sno.	Name	Email
1.	Neelima Soni	kvbaadmathura@gmail.com
2.	Suman Singh	pr.suman69@gmail.com
3.	H K Kulshreshtha	hkulshreshtha1961@gmail.com
4.	Sunita Saxena	vbsaxena58@gmail.com
5.	Amit Sinha	sinhaamitsgr1977@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Vedika Sharma	studentvedikasharma064@gmail.com	9
2.	Neha	umeshmlal@gmail.com	9
3.	Mayank Maurya	smaurya1812003@gmail.com	9
4.	Manvendra	smanvendra611@gmail.com	10
5.	Jitendra Kumar	ds77257@gmail.com	10
6.	Shradha Kumari	radhikasingh43456@gmail.com	10
7.	Ravi Kumar	sanjuprasad518@gmail.com	10
8.	Yash Garg	chandrakantgarg96@gmail.com	8
9.	Shivani Sharma	ss3188705@gmail.com	8
10.	Shivam Rai	avadhbiharirai1006@gmail.com	9

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	36	0	36	0	0
Playgrounds	2	0	2	0	0
Common area (e.g. reception, corridors)	1	0	1	0	0
Staffroom	3	0	3	0	0
Laboratory	3	0	3	0	0
Canteen	1	0	1	0	0
Clinic/ Sick room	1	0	1	0	0
Library	1	0	1	0	0
Toilets	7	0	7	0	0
Others	0	0	0	0	0
Total	55	0	55	0	0

Supporting Documents

1. ground dustbin.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	12
Kitchen waste	1
Paper	12

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)	25

Supporting Documents

1. waste.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. auction.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)

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	11	11	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)	95	95	0
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	6	6	0
Copying equipment (Photocopiers)	7	7	0
Projectors	11	11	0
Whiteboards	4	4	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	5	5	0
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

Supporting Documents

1. ele item.jpg

11

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

Yes

Supporting Documents

1. auction.jpg

11a

Who collects your e-waste, when not in working condition?

Kabadiwalla/ Scrapdealer

Task 6: School's initiatives

12

Does the school have a policy on waste?

Yes

Policy document

13

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

Yes

Supporting Documents

1. rally.jpg

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?

No

3(a)

If no, then please share your suggestions.

Kindly provide environmental education activities

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?

Kindly Provide environmental activities

8

How would you rate the overall design of the audit?

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

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?

More than twice

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. Fuel Bills
2. Electricity Bill
3. Photographs of lunch boxes
4. Picture of Canteen selling UPPF
5. Pictures of Green Cover
6. Pictures of landscaped area
7. Pictures of playground with more than two dustbins
8. Picture of audit team weighing solid waste
9. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers, etc
10. Pictures of Electronic items used by school and storage of non-working electronic items
11. Certificate of disposing e-waste from authorised dealer/dismantler
12. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc