



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: Kendriya Vidyalaya, No. 1, Air Force Station, Agra

Address: Kheria Mod, , Air Force station , Agra, Agra, AGRA, Uttar Pradesh, India

Coordinator Name: Dr. Geeta Prakash



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. 1, Air Force Station,Agra

2

Address

Kheria Mod, , Air Force station , Agra, Agra, AGRA, Uttar Pradesh, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 562 (NUMBER) 2400754

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9412916265

5

Principal Name

H. P. SINGH

6

GSP Coordinator Name

Dr. Geeta Prakash

7

GSP Coordinator Email

prakashgeeta@ymail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9412153063

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:11

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	1414	1063	2477
Teachers	39	47	86
Non-Teaching Staff	09	0	9
TOTAL	1462	1110	2572

4(b)

How many visitors visit your school

3000

5

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

300

6

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

Dec

7

Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	GEETA PRAKASH	GEETA PRAKASH
2.	DIVYA BHASIN	divy amit76@gmail.com
3.	DEEPTI SHARMA	rdeepti555@gmail.com

Administrative staff

Sno.	Name	Email
1.	mahesh sharma	msharma11@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	DEVERSHI	vyadav899@gmail.com	11
2.	ABHIRAJ	abhiraj bhasi21@gmail.com	12
3.	anjoorika	anjoorika10@gmail.com	10
4.	nupur	ns02450@gmail.com	10

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

1 How many classrooms does your school have?

60

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	100.00	30.00	30.00
2	100.00	30.00	30.00
3	100.00	30.00	30.00
4	100.00	30.00	30.00
5	100.00	30.00	30.00

6	100.00	30.00	30.00
7	100.00	30.00	30.00
8	100.00	30.00	30.00
9	100.00	30.00	30.00
10	100.00	30.00	30.00
TOTAL	1,000.00	300.00	

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	616	0	0	616
Public Bus	0	01	0	1
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	435	24	0	459
Taxi four-wheeler	400	0	0	400
Taxi three-wheeler	430	15	0	445
Personal four-wheeler	0	15	0	15
Personal two-wheeler	0	25	0	25
Bicycle	411	0	0	411
On foot	200	0	0	200
Others (non-motorised)	0	0	0	0
SUB-TOTAL	2492	80	0	2572

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

5

How many students suffer from respiratory ailments ?

2

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.	k l sharma	kanhaiyaupman@gmail.com

Administrative staff

Sno.	Name	Email
1.	prmod kr. tiwari	ptiwari11@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	srijan	srijan145@gmail.com	11
2.	kartik	kartik32@gmail.com	11
3.	rahul	rdsingh11	12
4.	anuj	anuj24@gmail.com	12

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)	800	2880.00	5

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)	0	0.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	800.00	2880.00	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	13	medium	0
Refrigerator	02	medium	0
Microwave	01	medium	0
Tube Lights	400	40WATT	0
CFL Bulbs	10	23WATT	0
LED Lights	10	18WATT	0
Fans	260	MEDIUM	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.	MR. PRAVEEN KUMAR	pksingh@gmail.com

Administrative staff

Sno.	Name	Email
1.	mr. sanjeev kumar	sanjeevk@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	mohit kumar	mohitkumar@gmail.com	6
2.	astitva	astitvakumar543@gmail.com	9

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?
2477.00

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	03	3000	8

No documents uploaded by the school.

4

Does your school serve traditional Indian snacks?

Yes

4(a)

Please provide the details:

	Number of plates sold when on the menu
Samosas	150

Idli/vada and sambhar	0
Pav bhaji	0
Momos	0
Others	150

4(b)

Give descriptions for rare local snacks served in your school:?

biscuits & toffees

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?

Yes

7(a)

Please provide the names?

parle G, munch

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.	kanhaiya lal	kanhaiyaupman@gmail.com
2.	ashok kumar	ashokkumar725@gmail.com

Administrative staff

Sno.	Name	Email
1.	pramod kumar	pramodkumar76@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	anuj	akumar76@gmail.com	12
2.	divya	divyasingh98@yahoo.com	12

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)	4,300
Ground coverage area	2,600
Green landscaped area on-ground	300
Surface parking area	0
Play area that is paved/ concrete on ground	1,500
Play area that has grass on ground	500
Service Area on ground	1,500
Roof and terrace area	1,700
Green cover on exposed roof & terrace	25
Total built up/constructed area	1,700

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	400	25	425
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

No documents uploaded by the school.



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	preeti kulshrestha	pkulshrestha@gmail.com

Administrative staff

Sno.	Name	Email
1.	mamchand	mamchand371@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	shalini kumari	shalinik875@gmail.com	11
2.	vidushi	vidushi547@yahoo.co.in	9

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	1500
Toilet flushing	3000
Personal cleaning	600
Washing clothes	200
Cooking	50
Cleaning Utensils	200
Washing Vegetables	50
Mopping floors	200
Gardening	1000
Total	6800

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

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?	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?	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?

6

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

No

6(a)

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

6000

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?

36

9

How many hand pumps do you have?

0

10

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

40

11

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

	Girls	Boys	Common	Total
Number of toilets	8	8	00	16

12

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

8

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?

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.	deepti sharma	deeptisharma48@gmail.com

Administrative staff

Sno.	Name	Email
1.	manoj tiwari	manojtiwari56@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	mohit kumar	mohitkumar54@gmail.com	6
2.	vidushi kumari	vidushikumari65@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	60	0	60	0	0
Playgrounds	1	0	1	0	0

Common area (e.g. reception, corridors)	2	0	2	0	0
Staffroom	1	0	1	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	16	0	16	0	0
Others	10	0	10	0	0
Total	96	0	96	0	0

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	100
Kitchen waste	30
Paper	10
Plastic	2
Wood, glass, metal, classroom furniture	15
E-waste	00
Biomedical waste	00
Sanitary waste	3
Construction and Demolition (C & D) waste	50
Hazardous waste	20
Total Generated Solid Waste (in kilogram)	230

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?

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	2	1	1
VCR or DVD players	1	1	00
Refrigerators and freezers	2	2	00
Washing machines	0	00	0
Air conditioners	19	13	6
Heaters	8	2	6
Microwaves	2	2	0
Ovens	1	1	0
Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	170	150	20
Laptop computer (CPU, mouse, screen and keyboard included)	2	2	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	7	6	1
Copying equipment (Photocopiers)	6	4	2
Projectors	40	25	15
Whiteboards	22	20	2

Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	0	0	0
Fax machines	1	1	0
Telex	0	0	0
Telephones	13	7	6
Pay telephones	2	2	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?

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?

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?

your assistance by training the teachers

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?

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?

3.00

Checklist of uploaded documents

1. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc