



# GREEN SCHOOLS PROGRAMME

## Responses for Green Schools Programme Audit 2016

**School Name:** KENDRIYA VIDYALAYA NO 5  
MANSAROVAR JAIPUR

**Address:** PARAMHANS MARG SECTOR-7,  
MADHYAM MARG JAIPUR, JAIPUR,  
JAIPUR, Rajasthan, India

**Coordinator Name:** ANJULIKA MAGAN



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 5 MANSAROVAR JAIPUR

2

Address

PARAMHANS MARG SECTOR-7, MADHYAM MARG JAIPUR, JAIPUR, JAIPUR, Rajasthan, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 141 (NUMBER) 2784141

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9461571035

5

Principal Name

R C BHURIA

6

GSP Coordinator Name

ANJULIKA MAGAN

7

GSP Coordinator Email

amagan2015@rediffmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9413816766

9

Category Of The School

Day Scholar

10

School Shifts

Both

## GENERAL QUESTIONS

1

How many levels does your school have?

Lowest level of grade:1

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	1135	880	2015
Teachers	41	36	77
Non-Teaching Staff	10	1	11
TOTAL	1186	917	2103

4(b)

How many visitors visit your school

300

5

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

240

6

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

Oct, Nov

7

Where is the school located?

Urban Area



## AIR

### Task 1: Air Audit Team

#### Teachers

Sno.	Name	Email
1.	sunita gupta	sunita gupta
2.	sunita rathore	rathoresunitakv5@gmail.com
3.	yogendra singh	ynaruka2914@rediffmail.com

#### Administrative staff

Sno.	Name	Email
1.	r.c. bhuria	rcbhuria@gmail.com
2.	r.c. dheru	rc_dehru@yahoo.com
3.	v.p.jain	jainvinayprabha@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	Daksh	anitasingh70@yahoo.com	8
2.	Abhishek	abhishekbasiwal01@gmail.com	8
3.	Mimansa	kanwarbhanwar2016@gmail.com	8
4.	Sudhansh	sudhanshgarg914@gmail.com	10
5.	Rohit	rohitgoyal119@yahoo.com	10
6.	Vedansh	bvedansh@gmail.com	9
7.	Antriksh	antrikshsinh44@gmail.com	10
8.	Aanchal sharma	robysharma@gmail.com	11
9.	Divyansh	praveen12844@rediffmail.com	9
10.	Venus	rajenderchittoria85@gmail.com	9

### 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)
1 a,b,c	44.94	20.93	46.57
2 a,b,c	44.94	20.93	46.57
3 a,b,c	44.94	20.93	46.57
4 a,b,c	44.94	20.93	46.57
5 a,b,c	44.94	20.93	46.57
6 a,b,c	44.94	20.93	46.57
7 a,b,c	44.94	20.93	46.57
8 a,b,c	44.94	20.93	46.57
9 a,b,c	44.94	20.93	46.57
10a,b,c	44.94	20.93	46.57
TOTAL	449.40	209.30	

### 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?

Operator-owned 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	1615	06	0	1621

Personal four-wheeler	16	28	1	45
Personal two-wheeler	36	60	09	105
Bicycle	110	03	0	113
On foot	218	0	01	219
Others (non-motorised)	0	0	0	0
<b>SUB-TOTAL</b>	<b>1995</b>	<b>97</b>	<b>11</b>	<b>2103</b>

### 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?

No



## ENERGY

### Task 1: Energy Audit Team

#### Teachers

Sno.	Name	Email
1.	M K SHARMA	bronje29@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	R C BHURIA	rcb.bhuria@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	aditya meena	adityameena0011@gmail.com	10
2.	aryan	aryanmeena0011@gmail.com	10
3.	bhanu pratap	bhanurajput145@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. DSCN0365.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
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Electricity from the board (kwh)	12424	44726.40	4
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)	42	2167.20	0
Piped Natural Gas (kilogrammes)	0	0.00	0
<b>TOTAL</b>	<b>12466.00</b>	<b>46893.60</b>	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	10	20	5
Refrigerator	1	180	0
Microwave	0	0	0
Tube Lights	195	40	0
CFL Bulbs	20	12	0
LED Lights	10	10	0
Fans	230	60	0



### Supporting Documents

1. DSCN0354.JPG
2. DSCN0355.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.	Anil Kumar	ak03594@gamil.com
2.	Manish Kumar	manishfageria@gmail.com
3.	Sushila kumari	ksushila12522@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	R C Bhuria	rcb.bhuria@gmail.com
2.	R C Dheru	rc_dehru@yahoo.com
3.	V P Jain	jainvinayprabha@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	ABHISHEK GOYAL	sgcomputers.jpr@gmail.com	11
2.	AVINDHYA SHANDILYA	sghandilyaavindhya@yahoo.com	11
3.	KRATIKA	s_ram2000@yahoo.com	11
4.	HARDIK JAIN	hardik26202@gmail.com	11
5.	MAHIMA DEVRA	vardhanh283@gmail.com	11
6.	NANDINI SHARMA	arvindsharma1411@gmail.com	11
7.	NIKITA KANWAR	yogishekhawat28@gmail.com	11
8.	PRAGYA CHATURVEDI	saurabh21896@gmail.com	11
9.	PRAGYA VIJAY	gjplvj@rediffmail.com	11
10.	KUSHHAL GOYAL	govindsahay167@gmai.com	11

### 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?

No

No documents uploaded by the school.

**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	4	300	10
Packaged/Bottled Energy Drinks	4	250	10

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

No documents uploaded by the school.



## LAND

### Task 1: Land Audit Team

#### Teachers

Sno.	Name	Email
1.	M K SHARMA	bronje29@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	R C BHURIA	rcb.bhuria@gmail.com
2.	R C DHERU	rc_dehru@yahoo.com
3.	V P JAIN	jainvinayprabha@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	ABIN VARGHESE	abinvarghese1000@gmail.com	11
2.	ASHIAH MEENA	Sr.meena5lic@gmail.com	11
3.	KANICA SUNWALKA	spk4571@yahoo.co.in	11
4.	CHESTA SINGH	rekha_gaur1972@rediffmail.com	11
5.	JAYA BHAGWAT	jayabhagwat30@gmail.com	11
6.	NEHA	kuldeepsingh2102@gmail.com	11
7.	NIKITA KANWAR	yogishekhawat28@gmail.com	11
8.	JAYA BHAGWAT	jayabhagwat30@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 <sup>2</sup> )	22,500
Ground coverage area	22,500
Green landscaped area on-ground	3,500
Surface parking area	0

Play area that is paved/ concrete on ground	700
Play area that has grass on ground	1,500
Service Area on ground	22,500
Roof and terrace area	6,968
Green cover on exposed roof & terrace	0
Total built up/constructed area	1,500,000
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	74	25	99
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

No documents uploaded by the school.



## WATER

### Task 1: Water Audit Team

#### Teachers

Sno.	Name	Email
1.	M K SHARMA	bronje29@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	R C Bhuria	rcb.bhuria@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	DEEKSHA KHANDELWAL	vipinkk06@gmail.com	11
2.	ROHIT WADHWANI	wcd_ddwfp@yahoo.co.in	11
3.	RITIKA ARYA	ritikaarya2001@gmail.com	11

### 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	2000
Personal cleaning	100
Washing clothes	10
Cooking	0
Cleaning Utensils	0
Washing Vegetables	0
Mopping floors	100
Gardening	850

Total	4560
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### 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?	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?	Yes
Does your school use a drip or irrigation system?	Yes
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).

5575

### 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?

15

11

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

	Girls	Boys	Common	Total
Number of toilets	12	12	0	24

12

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

22

13

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

12

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

More than 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

Used for groundwater recharge

No documents uploaded by the school.



## WASTE

### Task 1: Waste Audit Team

#### Teachers

Sno.	Name	Email
1.	ANIS AHMAD KHAN	aakhan74@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	R C BHURIA	rcb.bhuria@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	SAHIL SINGH	sahilsinghkhss@gmail.com	11
2.	PRAKHYAT	sat.sharma010@gmail.com	10
3.	ANURAG MITTAL	mittalanurag55@gmail.com	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	36	0	36	0	0
Playgrounds	4	0	04	0	0
Common area (e.g. reception, corridors)	4	0	4	0	0
Staffroom	2	0	2	0	0
Laboratory	6	0	6	0	0
Canteen	2	0	2	0	0

Clinic/ Sick room	1	0	1	0	0
Library	1	0	1	0	0
Toilets	6	0	6	0	0
Others	4	0	4	0	0
Total	66	0	66	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	15
Kitchen waste	30
Paper	5
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0.5
Sanitary waste	5
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	55.5

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?

Yes

No documents uploaded by the school.

5a What is the methodology used?

Natural composting without added microbes

5b What is the quantity of compost that is generated per month(in kilogram)?

5.00

5c What is the purpose of the compost that is generated per month?





For school garden

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)				
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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	3	3	0
VCR or DVD players	0	0	0
Refrigerators and freezers	1	1	0
Washing machines	0	0	0
Air conditioners	10	10	0
Heaters	1	1	0
Microwaves	0	0	0
Ovens	1	1	0
Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	75	65	10

Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	5	5	0
Copying equipment (Photocopiers)	4	4	0
Projectors	13	13	0
Whiteboards	13	13	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	10	10	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	2	2	
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?

Yes

No documents uploaded by the school.

11a

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

Authorised dealer

## 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

**Supporting Documents**

1. DSCN0364.JPG

13a

What form do these awareness drives take?

As part of the curriculum

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?

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?

more plantation. use of renewable energy.

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?

50.00

### Checklist of uploaded documents

1. Fuel Bills
2. Electricity Bill
3. Picture of 5 star appliances used by school
4. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc