

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA NO2,

Address: CHANDIMANDIR CANTT, PANCHKULA,

PANCHKULA, Panchkula, Haryana, India

Coordinator Name: Mrs. R.K. Sehgal



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
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KENDRIYA VIDYALAYA NO2,

2 Address

CHANDIMANDIR CANTT, PANCHKULA, PANCHKULA, Panchkula, Haryana, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 172 (NUMBER) 2589653

4 Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9530909493

5 Principal Name

Mrs. Alka Gupta

6 GSP Coordinator Name

Mrs. R.K. Sehgal

GSP Coordinator Email

kv2chm@yahoo.co.in

GSP Coordinator Mobile Number

(ISD)91 (Number) 9876611663

Category Of The School

Day Scholar

School Shifts

Morning

GENERAL QUESTIONS

How many levels does your school have?

Lowest level of grade:1 Highest level of grade:12

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	780	602	1382
Teachers	8	49	57
Non-Teaching Staff	15	2	17
TOTAL	803	653	1456

4(b) How many visitors visit your school

500

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

240

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

Feb

Where is the school located?

Urban Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	SANJIV KUMAR	SANJIV KUMAR
2.	BHARTI KOUL	bhartikaul18@gmail.com
3.	B N LUCKY	bn_lucky@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	MRS HARJEET KAUR	harji.harjeet@gmail.com
2.	MR PUNDIR	js_pundir@yahoo.com
3.	MS NISHA YADAV	nisha.yadav87@gmail.com
4.	MR SANJAY ROHILLA	sanjayr4u@gmail.com
5.	MR RAVI SAINI	sainiravi.kvs@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	PRIYANSHU	mansha02091972@gmail.com	9
2.	JATIN RUHIL	ruhiljalin@gmail.com	9
3.	TANMAY KUMAR	alokvijaya19209@gmail.com	9
4.	SHIVAM	sumanchadda71@gmail.com	9
5.	YANKI CHOUDHARY	rcayan2@gmail.com	9
6.	KRISHNA RAJORIA	manoj23A@gmail.com	9
7.	SEJAL	sejalkumari13052001@gmail.com	9
8.	AMIT	amitprakash1957@gmail.com	9
9.	TANYA	Aman.Kenwal@gmail.com	9
10.	DEEPAK	nisha.yadav87@gmail.com	9

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)
VIII A	48.09	18.00	37.43
VIII B	48.09	18.00	37.43
VIIIC	48.09	18.00	37.43
IXA	48.09	18.00	37.43
IXB	48.09	18.00	37.43
IXC	48.09	18.00	37.43
XA	48.09	18.00	37.43
ХВ	48.09	18.00	37.43
XC	48.09	18.00	37.43
XI A	48.09	18.00	37.43
TOTAL	480.90	180.00	

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	879	5	2	886
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	298	0	0	298
Taxi four-wheeler	0	0	0	0

Taxi three-wheeler	0	0	0	0
Personal four-wheeler	0	18	1	19
Personal two-wheeler	3	5	5	13
Bicycle	100	0	1	101
On foot	118	21	0	139
Others (non-motorised)	0	0	0	0
SUB-TOTAL	1398	49	9	1456

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



10

Does the school laboratory have air quality monitoring equipment?

No

No documents uploaded by the school.

If No, is there an air quality monitoring station (private or government) close to your school?

Yes

6(a)



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	H.S NEGI	hsnegi1168@gmail.com
2.	MRS SUSHMA NEGI	sushnegi74@gmail.com
3.	MRS INDERDEEP	gur2433@yahoo.com

Administrative staff

Sno.	Name	Email
1.	MRS BULBUL DHILLON	dhillon_bulbul@yahoo.co.in
2.	MR SANJAY ROHILLA	sanjayr4u@gmail.com
3.	MRS NAMRATA RATTU	namratarattu@yahoo.in
4.	MRS VINOO GOSWAMI	vnoog12@gmail.com
5.	MRS VANDANA SAKLANI	7indubala@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SARTHAK	kv2chm@yahoo.co.in	10
2.	MANPREET SINGH	manpreetsaggi57@gmail.com	11
3.	ABHISHEK	abhishek7894as@gmail.com	11
4.	LAKSHMI	lakshmi4324@gmail.com	11
5.	DEEP PRAKASH	deepprakashsingh2002@gmail.com	9
6.	ZUFISHA RANA	nishatrana786@gmail.com	11
7.	DIKSHA	anjuvz91@gmail.com	11
8.	RITESH KUMAR	rk6566530@gmail.com	11
9.	NEEMI	hpsaggies@yahoo.com	11
10.	ANKUSH SANGWAN	ankush2000sangwan@gmail.com	11

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. IMG-20161118-WA0013.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)	1500	5400.00	2
Electricity from generator (diesel) (litres)	20	912.00	1
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	1520.00	6312.00	

	Number	Size	BEE Star Rating
Air Conditioners	10	1.5	2
Refrigerator	1	165	0
Microwave	0	0	0
Tube Lights	300	40	0
CFL Bulbs	0	0	0
LED Lights	0	0	0
Fans	200	100	0

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



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.	MRS MEENAKSHI VERMA	meenakshi.verma1970.mv@gmail.com
2.	MRS INDU BALA	7indubala@gmail.com
3.	MRS NEERJA	satishkumarvastur@gmail.com

Administrative staff

Sno.	Name	Email
1.	MRS SIMI MALHOTRA	13simmimalhotra13@gmail.com
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3.	MRS JATINDER KAUR	iamjatinderkaur@gmail.com
4.	MRS MUKESH MANN	mukeshgill20@gmail.com
5.	MRS ANJU MAJUPURIA	a.majupuria@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	TANYA	taniyasharma@gmail.com	10
2.	ANU	anukumari2002@rediffmail.com	10
3.	PURNIMA	stetter234@gmail.com	10
4.	CHIRAYU	chitradhuratkar96@gmail.com	10
5.	NEELAM	neelumehra2013@gmail.com	10
6.	GAUTAM ROHILLA	sanjayr4u@gmail.com	10
7.	MOHIT	mohitdeopa001@gmail.com	10
8.	MAYANK	anjulata246123@gmail.com	10
9.	ABHILASH	abhilashmishra872@gmail.com	10
10.	ABHISHEK NANDAN	nandanrai9@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

No

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?

1300.00

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

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	1	50	1
Confectionery items (chocolate, candies, gums)	0	0	0
Ice-cream	0	0	0
Carbonated beverages	0	0	0
Sugar sweetened noncarbonated beverages	1	100	7

Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	0	0
Packaged/Bottled Energy Drinks	0	0	0

Does your school serve traditional Indian snacks?

Yes

4(a) Please provide the details:

	Number of plates sold when on the menu
Samosas	1
Idli/vada and sambhar	1
Pav bhaji	1
Momos	0
Others	1

4(b) Give descriptions for rare local snacks served in your school:?

DALIA, DHOKLA, CUTLETS

Does your school serve traditional Indian beverages?

Yes

5(a) Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	50
Sweet lassi	50
Salted butter milk	50
Aam Panna	200
Others	50

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

Does the school distribute packaged food items as rewards during schools events?

Yes

6(a) Please provide details

BISCUITS

Does the school distribute chocolates/similar products as refreshments during schools events?

No

Are your school events such as quiz shows, talent shows, debates sponsored by food companies/brands?

No



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	MR VIJAY	kv2chm@yahoo.co.in
2.	MRS ANJU SINGH	kv2chm@yahoo.co.in
3.	MRS ANU MEENA	kv2chm@yahoo.co.in

Administrative staff

Sno.	Name	Email
1.	MRS KALPNA	kv2chm@yahoo.co.in
2.	MRS RITU THAKUR	kv2chm@yahoo.co.in
3.	MRS DEEPA	kv2chm@yahoo.co.in
4.	MRS ADARSH	kv2chm@yahoo.co.in
5.	MRS PREETI PANDEY	kv2chm@yahoo.co.in

Students

Sno.	Name	Email	Grade/Class
1.	SUSSAIN KAUSHIK	sk240901@gmail.com	10
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3.	GAGANDEEP SINGH	karamjitkaur442@gmail.com	10
4.	VARUNPREET SINGH	manpreet0311@gmail.com	10
5.	SAKSHI LAWANIA	harshlawania@gmail.com	10
6.	NATISHA	khushgoel15@gmail.com	10
7.	ASWIN	aswinkp07@gmail.com	10
8.	ANISHA	patilanisha25@gmail.com	10
9.	DEVANSHI	j.singh.sai@gmail.com	10
10.	ANJALI	anjalisingh010801@gmail.com	10

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

Complete the table:

1

Site area in square meter (m2)	40,469
Ground coverage area	40,469
Green landscaped area on-ground	952
Surface parking area	500
Play area that is paved/ concrete on ground	1,223
Play area that has grass on ground	3,140
Service Area on ground	73
Roof and terrace area	2,832
Green cover on exposed roof & terrace	0
Total built up/constructed area	14,063
Total no. of floors	2
Others	20,517

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	20	5	25
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



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	MRS VIBHA RANI	vibhagoyal44@gmail.com
2.	MRS PRAGYA PURNENDU	kv2chm@yahoo.co.in
3.	MRS NEELAM	kv2chm@yahoo.co.in

Administrative staff

Sno.	Name	Email
1.	MRS ANJU	kv2chm@yahoo.co.in

Students

Sno.	Name	Email	Grade/Class
1.	ABHISHEK KUMAR	abhirai8888@gmail.com	10
2.	SANIYA BAHMANI	sureshkumar@gmail.com	10
3.	TANVI	ashoktech1537@gmail.com	10
4.	VARUN BANSAL	varuntapa@gmail.com	10
5.	HIMANSHU JHA	himanshukvn2@gmail.com	10
6.	BALRAM KUMAR	upinderkumar73@gmail.com	10
7.	NITIN SINGH	nitin9501979232@gmail.com	10
8.	ANKIT SINGH	ankt3657@gmail.com	10
9.	ADITYA	skshukla142@gmail.com	10
10.	ASHU KUMAR	ashuhimanshu@gmail.com	10

Task 2: How much water does your school use?

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	2500
Toilet flushing	2000

Personal cleaning	100
Washing clothes	0
Cooking	0
Cleaning Utensils	0
Washing Vegetables	0
Mopping floors	200
Gardening	1500
Total	6300

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







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?	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?	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?	Yes
Does your school use a drip or irrigation system?	No
Any other step taken for water conservation? (if Yes, please specify)	No

Supporting Documents

1. IMG-20161118-WA0013.jpg

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).

100

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

Yes

How many drinking water taps do you have?

19

How many hand pumps do you have?

0

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

36

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

	Girls	Boys	Common	Total
Number of toilets	13	15	0	28

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

14

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

5

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

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

18(a) Please specify the fate of wastewater

Wastewater flows directly to the drains



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	MRS PARUL	talkto_parul@yahoo.co.in
2.	MRS SAROJ RANI	sarojrani1959@gmail.com
3.	MRS DIVYA ABBAN	divyaabban@gmail.com

Administrative staff

Sno.	Name	Email
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2.	MRS YAKSHI BHATIA	yakshibhatia@gmail.com
3.	MRS SHALINI	shalinipawar1205@gmail.com
4.	MRS RENU BALA ANGRISH	renubalaangrish@gmail.com
5.	MR NARESH	nkmandora75@gmail.com

Students

Sno.	Name	Email	Grade/Class
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2.	MEENAKSHI	dilipkmishra1993@gmail.com	11
3.	NITIN KUMAR	nk98617@gmail.com	11
4.	SHIVANI PATIYAL	shivanipatiyal1999@gmail.com	11
5.	BANSAL PARUL	bansalparul97@gmail.com	11
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8.	KARAN	karanransing495@gmail.com	10
9.	VIMLESH KUMAR	kumarvimlesh960@gmail.com	10
10.	VAISHALI CHAUHAN	vaishalichauhan.2002@gmail.com	10

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	34	0	34	0	0
Playgrounds	7	0	7	0	0
Common area (e.g. reception, corridors)	1	0	1	0	0
Staffroom	1	0	1	0	0
Laboratory	4	0	4	0	0
Canteen	2	0	2	0	0
Clinic/ Sick room	1	0	1	0	0
Library	2	0	2	0	0
Toilets	2	0	0	2	0
Others	10	0	0	10	0
Total	64	0	52	12	0

Supporting Documents

- 1. dustbin.jpg
- 2. ground dustbin.jpg
- 3. class dustbin.jpg
- 4. bio waste.jpg
- 5. pit.jpg

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	20
Kitchen waste	0
Paper	50

Plastic	0
Wood, glass, metal, classroom furniture	2
E-waste	0
Biomedical waste	1
Sanitary waste	20
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	93

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?

Yes

No documents uploaded by the school.

What is the methodology used?

Natural composting without added microbes

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

2.00

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

For school garden

Does your school encourage students & teachers to reuse textbooks?

Yes

Table to understand whether internal or external waste recycling procedures are applied to

	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)	×	×	✓	×

Task 5: How does your school dispose waste?

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

Does your school have the following? If yes, please give the numbers.

	Total	Working conditions	Non-working condition
TVs	1	1	

VCR or DVD players	0	0	
Refrigerators and freezers	2	2	
Washing machines	0	0	
Air conditioners	8	8	
Heaters	1	1	
Microwaves	0	0	
Ovens	4	4	
Toasters	0	0	
Electric Kettles	2	2	
Personal computers (CPU, mouse, screen and keyboard included)	10	10	
Laptop computer (CPU, mouse, screen and keyboard included)	1	1	
Notebook computers	0	0	
Notepad computers	0	0	
Printers	8	8	
Copying equipment (Photocopiers)	4	4	
Projectors	10	10	
Whiteboards	10	10	
Electrical & electronic typewriters	0	0	
Pocket & desk calculators	10	10	
Fax machines	0	0	
Telex	0	0	
Telephones	2	2	
Pay telephones	0	0	
Mobiles	51	51	
Answering systems	1	1	

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?

Yes

Policy document

13

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

Yes

No documents uploaded by the school.

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



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?

Yes

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?

we should have a meeting for this in the vidyalaya to make our school a green school you are heartly invited thank you PRINCIPAL KV2CHM ALKA GUPTA

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?

45.00

Checklist of uploaded documents

- 1. Electricity Bill
- 2. Photographs of lunch boxes
- 3. Pictures of Green Cover
- 4. Pictures of landscaped area
- 5. Pictures of dustbins in classroom showing segregation at source
- 6. Pictures of playground with more than two dustbins
- 7. Picture of audit team weighing solid waste
- 8. Picture of types of solid waste generated
- 9. Pictures of recycling units composting pit, paper recycling machine, selling paper to kabadiwala, recyclers,etc