

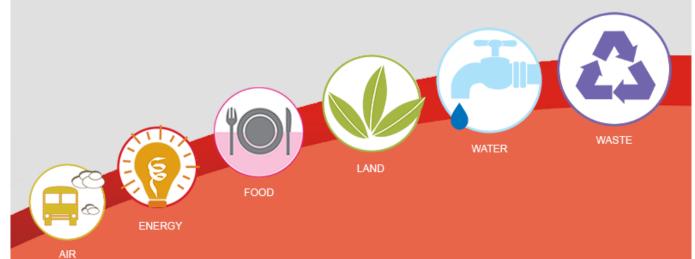
Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA KESHAVPURAM

Address: A-2 BLOCK, OPP JAIN MANDIR,

LAWRENCE ROAD, KESHAVPURAM, DELHI, North West Delhi, Delhi, India

Coordinator Name: BIMAL PRASAD SAH



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

KENDRIYA VIDYALAYA KESHAVPURAM

2 Address

A-2 BLOCK, OPP JAIN MANDIR, LAWRENCE ROAD , KESHAVPURAM, DELHI, North West Delhi, Delhi, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 011 (NUMBER) 27395361

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9911300799

5 Principal Name

HARINDER SINGH LAMBA

6 GSP Coordinator Name

BIMAL PRASAD SAH

GSP Coordinator Email

bpsahkvk@rediffmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 8826811729

Category Of The School

Day Scholar

10 School Shifts

Both

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	1192	748	1940
Teachers	26	42	68
Non-Teaching Staff	9	4	13
TOTAL	1227	794	2021

4(b) How many visitors visit your school

450

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

220

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

Jan

Where is the school located?

Urban Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	ANIL KUMAR	ANIL KUMAR
2.	BELA KUNDRA	kundrabela@gmail.com
3.	DEEPIKA CHUGH ARORA	zenith_deepika@yahoo.co.in

Administrative staff

Sn	10.	Name	Email
1.		ANJALI GROVER	anjgrover29@rediffmail.com
2.		SAROJ KUMAR CHOUDHARY	skchoudharyvp@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	BHAWNA NARANG	bhawna133narang@gmail.com	11
2.	PRIYANSHU SINGH	kvsingh468@gmail.com	11
3.	AVINASH RANJAN CHAUHAN	premkishor1972@gmail.com	11

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

How many classrooms does your school have?

24

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)
1A	120.00	36.00	30.00
1B	120.00	36.00	30.00
2A	120.00	36.00	30.00
2B	120.00	36.00	30.00

3A	120.00	36.00	30.00
3B	120.00	36.00	30.00
4A	120.00	36.00	30.00
4B	120.00	36.00	30.00
5A	120.00	36.00	30.00
5B	120.00	36.00	30.00
TOTAL	1,200.00	360.00	

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?

Operator-owned 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	26	15	2	43
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	59	5	1	65
Taxi four-wheeler	1206	10	2	1218
Taxi three-wheeler	3	0	0	3
Personal four-wheeler	12	20	2	34
Personal two-wheeler	21	0	0	21
Bicycle	49	1	0	50
On foot	524	17	6	547
Others (non-motorised)	40	0	0	40

SUB-TOTAL 1940 68 13 2021

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

How many students suffer from respiratory ailments?

0

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?

No



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	ANJALI GROVER	anjaligrover29@rediffmail.com
2.	SAROJ KUMAR VERMA	saroj1972@hotmail.com
3.	SUBE SINGH	subesingh.kv@gmail.com

Administrative staff

Sno.	Name	Email
1.	HARINDER SINGH LAMBA	harindersinghlamba@gmail.com
2.	SAROJ KUMAR CHOUDHARY	skchoudharyvp@gmail.com
3.	SANGEETA MOUDGAL	kvkeshav@rediffmail.com
4.	NEERAJ P SHARMA	kvkeshv@rediffmail.com

Students

Sno.	Name Email		Grade/Class	
1.	RITIKA VERMA	skverma1970@yahoo.co.in	11	
2.	ANUBHAV KUMAR	anubhavkumar809@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_180204227.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)	5234	18842.40	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)	0	0.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	5234.00	18842.40	

No documents uploaded by the school.

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	11	2 TON	3 & 5
Refrigerator	1	200	3
Microwave	1	5	3
Tube Lights	300	40	3
CFL Bulbs	5	9	3
LED Lights	200	18	3

Supporting Documents

1. IMG_20161118_154210716.jpg

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

What is the average number of sunny days in your area?

150

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.	NANCY ARORA	nancy.biology@gmail.com
2.	SAROJ KUMAR VERMA	saroj1972@hotmail.com
3.	NARENDER KUMAR	nk.narenderkumar@yahoo.com

Administrative staff

Sno.	Name	Email
1.	HARINDER SINGH LAMBA	harindersinghlamba@gmail.com
2.	SAROJ CHOUDHARY	skchoudharyvp@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	AYUSHI VERMA	saroj1972@hotmail.com	12
2.	MOHIT DHYANI	mdmohitdhyani@gmail.com	11
3.	DEWANSHI PAUL	dewanshi12paul@gmail.com	9

Task 2: Find out about the food service in your school.

Does your school have a provision/space to sell packaged food items within the campus

No

2 Does your school serve midday meals?

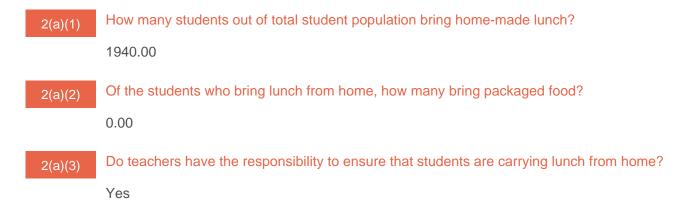
No

Do students bring their own lunch from home?

Yes

Supporting Documents

- 1. IMG_20161118_154536312.jpg
- 2. IMG_20161118_154546354.jpg



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	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	2	150	12
Packaged/Bottled Energy Drinks	2	150	12

No documents uploaded by the school.

Does your school serve traditional Indian snacks?

No

Does your school serve traditional Indian beverages?

Yes

5(a) Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	100
Sweet lassi	150
Salted butter milk	200
Aam Panna	100
Others	0

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

Quality biscuits approved items by FSSAI

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

No documents uploaded by the school.



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	SAROJ KUMAR VERMA	saroj1972@hotmail.com
2.	NARENDER KUMAR	nk.narenderkumar@yahoo.com
3.	ANIL KUMAR PUNIA	ap80126@gmail.com

Administrative staff

Sno.	Name	Email
1.	HARINDERS INGH LAMBA	harindersinghlamba@gmail.com
2.	SAROJ CHOUDHARY	skchoudharyvp@gmail.com
3.	ANJALI GROVER	anjgrover29@rediffmail.com

Students

Sno.	Name	Email	Grade/Class
1.	AYUSHI VERMA	saroj1972@hotmail.com	12

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

Complete the table:

	Your school's area
Site area in square meter (m2)	32,375
Ground coverage area	20,234
Green landscaped area on-ground	20,234
Surface parking area	500
Play area that is paved/ concrete on ground	100
Play area that has grass on ground	20,134
Service Area on ground	20,234
Roof and terrace area	12,141

Green cover on exposed roof & terrace	0
Total built up/constructed area	12,141
Total no. of floors	2
Others	0

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	550	0	550
Animals	40	0	40

Task 4: Find out if your school uses pesticides

Do you use chemical based pesticides in your school green cover?

No

Supporting Documents

- 1. IMG_20161118_155357152_HDR.jpg
- 2. IMG_20161118_155531065_HDR.jpg
- 3. LAND.docx



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	SAROJ KUMAR VERMA	saroj192@hotmail.com
2.	ANJALI GORVER	anjgrover29@rediffmail.com
3.	VIJAYA KUMARI	vijayareps@gmail.com

Administrative staff

Sno.	Name	Email	
1.	HARINDER SINGH LAMBA	harindersinghlamba@gmail.com	
2.	SAROJ KUMAR CHOUDHARY	skchoudharyvp@gmail.com	

Students

Sno.	Name	Email	Grade/Class
1.	HARSH AGGARWAL	royraj3553@gmail.com	11
2.	SWATHI RAJEEV	swathirajeev66@gmail.com	10
3.	ABHIJIT KUNDU	abhijitkundu3299@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	1500
Toilet flushing	3000
Personal cleaning	100
Washing clothes	0
Cooking	50
Cleaning Utensils	50
Washing Vegetables	10

Mopping floors	100
Gardening	1000
Total	5810

Task 3: What are the sources, supply and storage of water in your school

Where does the water your school uses, come from?

Ground water

Who supplies the water in your school?

Municipality, School's own supply (bore well, rainwater harvesting facility, etc)

Does your school get daily water supply?

Yes

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?

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?	No

Supporting Documents

1. WATER.docx

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).

2000

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
Is there sufficient light during day time?	Yes

8 How many drinking water taps do you have?

80

How many hand pumps do you have?

0

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

30

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

	Girls	Boys	Common	Total
Number of toilets	8	8	0	16

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

56

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

10

ls 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

More than twice a day

Task 7: Does your school reuse/recycle waste water?

Does your school treat wastewater?

Yes

Does your school reuse the treated wastewater?

Yes

How does your school reuse wastewater?

Gardening, Flushing

No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	SUDHIR JOSHI	sudhirjoshirkt@gmail.com
2.	MEENAKSHI DABAS	mds.jmd@gmail.com
3.	SAROJ KUMAR VERMA	saroj1972@hotmail.com

Administrative staff

Sno.	Name	Email
1.	SAROJ KUMAR CHOUDHARY	skchoudharyvp@gmail.com
2.	ANJALI GROVER	anjgrover29@rediffmail.com

Students

Sno.	Name	Email	Grade/Class
1.	YASH PAWAR	panwar.vinod10@gmail.com	10
2.	CHIRAG GUPTA	chirag.gupta883@gmail.com	10
3.	YUKTI RAWAT	rawat.yukti22@gmail.com	10

Task 2: What is the waste segregation system in your school?

Does your school segregate solid waste?

Yes

Who segregates the waste at source?

- 1. Students and teachers
- 2. Housekeeping (Sweeper)
- 3. Gardener

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more	
--	--------------------------------	--------	---------	-------------------------	--------------------	--

Classrooms	24	0	24	0	0
Playgrounds	6	0	6	0	0
Common area (e.g. reception, corridors)	4	0	4	0	0
Staffroom	1	0	1	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	16	0	16	0	0
Others	0	0	0	0	0
Total	61	0	61	0	0

Supporting Documents

- 1. IMG_20161118_160316695.jpg
- 2. IMG_20161118_160240480.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	150
Kitchen waste	5
Paper	10
Plastic	0
Wood, glass, metal, classroom furniture	10
E-waste	0
Biomedical waste	1
Sanitary waste	5

Construction and Demolition (C & D) waste	20
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	201

No documents uploaded by the school.

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

Supporting Documents

1. IMG_20161118_185314575.jpg

What is the methodology used?

Natural composting without added microbes

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

30.00

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

For horticultural purposesFor 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 waste.

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?

What is the final destination for waste that is disposed of externally?

Landfill Site

Supporting Documents

1. dirty-delhi_650x488_41433770096.jpg

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	0
VCR or DVD players	3	3	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	1	1	0
Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	87	79	8
Laptop computer (CPU, mouse, screen and keyboard included)	1	1	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	10	10	0
Copying equipment (Photocopiers)	4	4	0
Projectors	19	19	0
Whiteboards	19	19	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	6	6	0
Fax machines	1	1	0
Telex	0	0	0
Telephones	18	18	0
Pay telephones	3	3	0
Mobiles	2	2	0
Answering systems	1	1	0

Supporting Documents

1. IMG_20161118_155813944.jpg

2. IMG_20161118_155829290.jpg

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 dismantler

Task 6: School's initiatives

12

Does the school have a policy on waste?

Yes

Policy document

E-Waste_in_india.pdf

13

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

Yes

Supporting Documents

- 1. ART COMPETITION.jpg
- 2. COMPETITION ESSAY WRITING.jpg

13a

What form do these awareness drives take?

As part of the curriculum, As part of extracurricular activities such as guest lectures, 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

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?

MORE PLANTS, RECYCLE SYSTEM IS REQUIRED NEAR BY PREMISES, AIR POLLUTED ATMOSPHERE NEAR BY SCHOOL, WATER HARVESTING SYSTEM, INSTALLATION WITH DRIP AND TIME IRRIGATION SYTEM FOR LANDSCAPING

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?

Could you finish all the tasks in given period of time online?

Yes

How many times did you contact the Green Schools Programm

How many times did you contact the Green Schools Programme Team for guidance and counseling?

Once

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?

50.00

Checklist of uploaded documents

- 1. Electricity Bill
- 2. Picture of 5 star appliances used by school
- 3. Photographs of lunch boxes
- 4. Pictures of Green Cover
- 5. Pictures of landscaped area
- 6. Building construction plan
- 7. Pictures of dustbins in classroom showing segregation at source
- 8. Pictures of recycling units composting pit, paper recycling machine, selling paper to kabadiwala, recyclers,etc
- 9. Pictures of Electronic items used by school and storage of non-working electronic items
- 10. Waste Policy
- 11. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc