



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA NO:2
Address: EKLINGGARH CANTT , UDAIPUR,
UDAIPUR, Udaipur, Rajasthan, India
Coordinator Name: SH PRATAP SINGH CHARAN



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:2

2

Address

EKLINGGARH CANTT , UDAIPUR, UDAIPUR, Udaipur, Rajasthan, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 0294 (NUMBER) 2584904

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 7340063769

5

Principal Name

OMPARKASH

6

GSP Coordinator Name

SH PRATAP SINGH CHARAN

7

GSP Coordinator Email

pratapsinghcharan07@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 8769497679

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: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	783	592	1375
Teachers	21	26	47
Non-Teaching Staff	09	0	9
TOTAL	813	618	1431

4(b)

How many visitors visit your school

5

5

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

230

6

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

Aug, Sep, Oct

7

Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	MR. PRATAP SINGH CHARAN	MR. PRATAP SINGH CHARAN

Administrative staff

Sno.	Name	Email
1.	SH OMPARKASH	OMPARKASHYADAV68@GMAIL.COM

Students

Sno.	Name	Email	Grade/Class
1.	HIMANSHU SHARMA	HISHRUNAND@GMAIL.COM	XI-A
2.	SEJAL MIRANI	SEJALMIRANI2014@GMAIL.COM	XI-A

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

1 How many classrooms does your school have?

34

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/B TO XI-A/B/C	167.68	30.49	18.18
OFFICE	304.88	45.73	15.00
XII-A/B	304.88	45.73	0.00
XI-A/B TO XII-A/B	304.88	45.73	0.00
COMPUTER LAB	304.88	45.73	0.00
PHYSICS LAB	304.88	45.73	0.00
CHEMISTRY LAB	304.88	45.73	0.00
PRIMARY COMPUTER LAB	304.88	45.73	0.00

LIBRARY	304.88	45.73	0.00
NURSE ROOM	304.88	45.73	0.00
TOTAL	2,911.60	442.06	

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
School Bus	00	00	00	0
Public Bus	48	01	00	49
School Transport(Other than bus)	00	00	00	0
Public transport (other than bus, Metro, car pool)	52	00	00	0
Taxi four-wheeler	00	00	00	0
Taxi three-wheeler	597	18	01	616
Personal four-wheeler	42	04	01	47
Personal two-wheeler	276	16	03	295
Bicycle	104	00	00	104
On foot	256	08	04	268
Others (non-motorised)	00	00	00	0
SUB-TOTAL	1375	47	9	1431

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?

Yes



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	MR. GIRISH KUMAR JOSHI	PRATAPSINGHCHARAN07@GMAIL.COM

Administrative staff

Sno.	Name	Email
1.	SH OMPARKASH	OMPARKASHYADAV68@GMAIL.COM

Students

Sno.	Name	Email	Grade/Class
1.	YASH SUBBA	YASHSUBBA19@GMAIL.COM	11
2.	MUSKAN PANJWANI	MUSKANPANJWANI2014@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. ELECTRICITY BILL.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
Electricity from the board (kwh)	7808	28108.80	1

Electricity from generator (diesel) (litres)	00	0.00	0
Petrol (litres)	00	0.00	0
Diesel (litres)	00	0.00	0
CNG (kilogrammes)	00	0.00	0
Kerosene (litres)	00	0.00	0
Coal (kilogrammes)	00	0.00	0
Wood (kilogrammes)	00	0.00	0
Animal waste (kilogrammes)	00	0.00	0
Solar (kwh)	00	0.00	0
Wind (kwh)	00	0.00	0
LPG (kilogrammes)	15.6	804.96	1
Piped Natural Gas (kilogrammes)	00	0.00	0
TOTAL	7823.60	28913.76	

Supporting Documents

1. ELECTRICITY BILL.jpg

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	4	1.5 TON	5
Refrigerator	1	200	4
Microwave	0	0	0
Tube Lights	250	40	4
CFL Bulbs	150	20	5
LED Lights	30	20	5
Fans	200	70	4

Supporting Documents

1. DSC_0547.jpg

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

5

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

250

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. PRATAP SINGH CHARAN	PRATAPSINGHCHARAN07@GMAIL.COM

Administrative staff

Sno.	Name	Email
1.	SH OMPARKASH	OMPARKASHYADAV68@GMAIL.COM

Students

Sno.	Name	Email	Grade/Class
1.	SMRITI BAJAJ	NUNNYBAJAJ26@GMAIL.COM	10
2.	ABHISHEK	PRATAPSINGHCHARAN07@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

2 Does your school serve midday meals?
No

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

Supporting Documents

1. DSC_0548.jpg

2(a)(1) How many students out of total student population bring home-made lunch?
1375.00

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	00	00	00

Supporting Documents

1. f11.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

SWEETS, FRUITS, BISCUITS

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

Supporting Documents

1. DSC_0553.jpg



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	MR. SATISH SONI	SATISH.CS2006@GMAIL.COM

Administrative staff

Sno.	Name	Email
1.	SH OMPARKASH	OMPARKASHYADAV68@GMAIL.COM

Students

Sno.	Name	Email	Grade/Class
1.	RONAK ARORA	RONAKARORA656@GMAIL.COM	12
2.	NILAY SOMANI	NILAYSOMANI1@GMAIL.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 (m2)	40,469
Ground coverage area	12,141
Green landscaped area on-ground	8,094
Surface parking area	2,023
Play area that is paved/ concrete on ground	8,094
Play area that has grass on ground	4,047
Service Area on ground	1,012
Roof and terrace area	4,047
Green cover on exposed roof & terrace	0
Total built up/constructed area	8,094

Total no. of floors	3
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	30	10	40
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

Supporting Documents

1. 3.jpg
2. 13.jpg
3. 16.jpg
4. Harit Vidyalaya Enterance Gate View.jpg
5. 1.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	MS. PRITI KAUSHIK	PRATAPSINGHCHARAN07@GMAIL.COM

Administrative staff

Sno.	Name	Email
1.	SH OMPARKASH	OMPARKASHYADAV68@GMAIL.COM

Students

Sno.	Name	Email	Grade/Class
1.	ANJALI BHATI	PRATAPSINGHCHARAN07@GMAIL.COM	12
2.	HIMANSHI CHOUHAN	AKAVITA578@GMAIL.COM	12

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	5000
Toilet flushing	500
Personal cleaning	100
Washing clothes	50
Cooking	00
Cleaning Utensils	50
Washing Vegetables	00
Mopping floors	100
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?

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

=1 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?	Yes
Does your school use a drip or irrigation system?	Yes
Any other step taken for water conservation? (if Yes, please specify)	Yes

Supporting Documents

1. W1.jpg
2. W2.jpg
3. W3.jpg
4. W4.jpg
5. W5.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).

100

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?

20

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	5	5	2	12

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

50

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?

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

Used for groundwater recharge

Supporting Documents

1. DSC_0547.jpg



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	MR. PRATAP SINGH CHARAN	PRATAPSINGHCHARAN07@GMAIL.COM

Administrative staff

Sno.	Name	Email
1.	SH OMPARKASH	OMPARKASH68@GMAIL.COM

Students

Sno.	Name	Email	Grade/Class
1.	SWARAJ SAMANTA	PRATAPSINGHCHARAN07@GMAIL.COM	12
2.	NILAY SOMANI	PRATAPSINGHCHARAN07@GMAIL.COM	12

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	20	00	20	00	00
Playgrounds	2	00	02	00	00

Common area (e.g. reception, corridors)	1	00	01	00	00
Staffroom	1	00	01	00	00
Laboratory	5	00	05	00	00
Canteen	1	00	01	00	00
Clinic/ Sick room	1	00	01	00	00
Library	1	00	00	01	00
Toilets	2	00	02	00	00
Others	0	00	00	00	00
Total	34	0	33		00

Supporting Documents

1. WW1.jpg
2. WW2.jpg
3. WW3.jpg
4. s12.jpg
5. s13.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	100
Kitchen waste	00
Paper	20
Plastic	02
Wood, glass, metal, classroom furniture	10
E-waste	0.5
Biomedical waste	0.5

Sanitary waste	0.5
Construction and Demolition (C & D) waste	10
Hazardous waste	00
Total Generated Solid Waste (in kilogram)	143.5

Supporting Documents

1. WW3.jpg
2. WW2.jpg
3. WW1.jpg
4. s12.jpg
5. s13.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. s12.jpg
2. s13.jpg
3. WW2.jpg
4. WW3.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)

Supporting Documents

1. WW2.jpg
2. WW3.jpg

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	01	00
VCR or DVD players	1	01	00

Refrigerators and freezers	1	01	00
Washing machines	0	00	00
Air conditioners	4	04	00
Heaters	1	01	00
Microwaves	0	00	00
Ovens	1	01	00
Toasters	0	00	00
Electric Kettles	1	01	00
Personal computers (CPU, mouse, screen and keyboard included)	87	77	10
Laptop computer (CPU, mouse, screen and keyboard included)	1	01	00
Notebook computers	0	00	00
Notepad computers	0	00	00
Printers	8	08	00
Copying equipment (Photocopiers)	2	02	00
Projectors	18	18	00
Whiteboards	2	02	00
Electrical & electronic typewriters	1	01	00
Pocket & desk calculators	5	05	00
Fax machines	1	01	00
Telex	1	01	00
Telephones	2	02	00
Pay telephones	2	02	00
Mobiles	0	00	00
Answering systems	0	00	00

Supporting Documents

1. C1.jpg

2. Computer Lab.jpg
3. ivc2.jpg
4. ivc.jpg
5. ivc4.jpg

11

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

Yes

Supporting Documents

1. DSC_0547.jpg

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

WW3.jpg

13

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

Yes

Supporting Documents

1. D %281%29.jpg
2. D %282%29.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

Supporting Documents

1. s12.jpg
2. s13.jpg
3. WW1.jpg
4. WW2.jpg
5. WW3.jpg



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?

MORE INNOVATIVE IDEAS, INFORMATIONS, TOOLS AND INITIATIVES.

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?

Once

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?

120.00

Checklist of uploaded documents

1. Electricity Bill
2. Picture of 5 star appliances used by school
3. Photographs of lunch boxes
4. Picture of Canteen selling UPPF
5. Pictures of Green Cover
6. Pictures of landscaped area
7. Pictures of dustbins in classroom showing segregation at source
8. Pictures of playground with more than two dustbins
9. Picture of audit team weighing solid waste
10. Picture of types of solid waste generated
11. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers, etc
12. Pictures of housekeeping staff disposing different types of solid waste
13. Pictures of Electronic items used by school and storage of non-working electronic items
14. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
15. Pictures of respective audit teams doing survey