

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA

Address: AIR FORCE STATION, JAISALMER,

JAISALMER, JAISALMER, Rajasthan,

India

Coordinator Name: PREETI MEHARSHI



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

Name of the School / Institu	tion
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KENDRIYA VIDYALAYA

2 Address

AIR FORCE STATION, JAISALMER, JAISALMER, Rajasthan, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 2992 (NUMBER) 252254

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9001512444

5 Principal Name

SAMRIN QUADRI

6 GSP Coordinator Name

PREETI MEHARSHI

GSP Coordinator Email

laxman3977@rediffmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9460360542

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	691	438	1129
Teachers	27	10	37
Non-Teaching Staff	7	0	7
TOTAL	725	448	1173

4(b) How many visitors visit your school

20

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

225

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

Nov

Where is the school located?

Urban Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Rewantee lal	Rewantee lal
2.	Gaurav Jatolia	kvjaisalmer@gmail.com
3.	Preeti Meharshi	kvjaisalmer@gmail.com

Administrative staff

Sno.	Name	Email
1.	Samrin Quadri	kvjaisalmer@gmail.com
2.	K. Khandelwal	kvjaisalmer@gmail.com
3.	Rakesh Goyal	kvjaisalmer@gmail.com
4.	Hemant Pandya	kvjaisalmer@gmail.com
5.	Dev Narain Mourya	kvjaisalmer@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SHALINI KUMARI	kvjaisalmer@gmail.com	11
2.	ADITYA SHARMA	kvjaisalmer@gmail.com	11
3.	MAHENDRA KUMAR	kvjaisalmer@gmail.com	11
4.	RITIK SONI	kvjaisalmer@gmail.com	11
5.	MORE VIJAY GOKUL	kvjaisalmer@gmail.com	11
6.	ANNU MAURYA	kvjaisalmer@gmail.com	12
7.	GARIMA GOYAL	kvjaisalmer@gmail.com	12
8.	RIYA BURBAN	kvjaisalmer@gmail.com	12
9.	SAKSHI SHALEEN	kvjaisalmer@gmail.com	12
10.	NISHA MEENA	kvjaisalmer@gmail.com	12

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

1

How many classrooms does your school have?

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)
VI A	24.84	7.29	29.35
VI B	24.84	7.29	29.35
VI C	24.84	7.29	29.35
IX A	24.84	7.29	29.35
IX B	24.84	7.29	29.35
IX C	24.84	7.29	29.35
III A	24.84	7.29	29.35
III B	24.84	7.29	29.35
XII A	24.84	7.29	29.35
XII B	24.84	7.29	29.35
TOTAL	248.40	72.90	

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	375	0	0	375
Public Bus	15	0	0	15
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	0	0	0
Taxi four-wheeler	150	0	0	150

Taxi three-wheeler	50	0	0	50
Personal four-wheeler	0	0	0	0
Personal two-wheeler	85	17	6	108
Bicycle	154	0	0	154
On foot	300	20	1	321
Others (non-motorised)	0	0	0	0
SUB-TOTAL	1129	37	7	1173

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



52

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



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Seema Sharma	kvjaisalmer@gmail.com
2.	Navratan	kvjaisalmer@gmail.com
3.	V K Singh	kvjaisalmer@gmail.com

Administrative staff

Sno.	Name	Email
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2.	A K Chauhan	kvjaisalmer@gmail.com
3.	S C Samota	kvjaisalmer@gmail.com
4.	Hemant Maheshweri	kvjaisalmer@gmail.com
5.	Mukesh Bissa	kvjaisalmer@gmail.com

Students

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1.	SHALINI KUMARI	kvjaisalmer@gmail.com	11
2.	ADITYA SHARMA	kvjaisalmer@gmail.com	11
3.	MAHENDRA KUMAR	kvjaisalmer@gmail.com	11
4.	RITIK SONI	kvjaisalmer@gmail.com	11
5.	MORE VIJAY GOKUL	kvjaisalmer@gmail.com	11
6.	ANNU MORYA	kvjaisalmer@gmail.com	12
7.	GARIMA GOYAL	kvjaisalmer@gmail.com	12
8.	RIYA	kvjaisalmer@gmail.com	12
9.	SAKSHI	kvjaisalmer@gmail.com	12
10.	NISHA	kvjaisalmer@gmail.com	12

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

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)	5615	20214.00	1
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)	5	258.00	5
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	5620.00	20472.00	

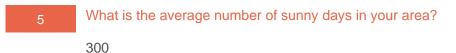
No documents uploaded by the school.

What appliances does your school have?

	Number	Size	BEE Star Rating	
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Air Conditioners	14	3	5
Refrigerator	02	120	5
Microwave	0	0	0
Tube Lights	200	25	4
CFL Bulbs	50	10	5
LED Lights	10	50	5
Fans	100	50	4

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.	O P VAISHNAV	kvjaisalmer@gmail.com
2.	OM PRAKASH	kvjaisalmer@gmail.com
3.	M R MEENA	kvjaisalmer@gmail.com

Administrative staff

Sno.	Name	Email
1.	JAYANT PARWANI	kvjaisalmer@gmail.com
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Students

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7.	GARIMA	kvjaisalmer@gmail.com	12
8.	RIYA	kvjaisalmer@gmail.com	12
9.	SAKSHI	kvjaisalmer@gmail.com	12
10.	NISHA	kvjaisalmer@gmail.com	12

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?

1100.00

Of the students who bring lunch from home, how many bring packaged food?

100.00

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	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

12 of 27

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

No documents uploaded by the school.

Does your school serve traditional Indian snacks?

No

Does your school serve traditional Indian beverages?

No

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 AND CHIPS

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.	POONAM KUMARI	kvjaisalmer@gmail.com
2.	GIRINDRA TALEOGANOKAR	kvjaisalmer@gmail.com
3.	SL MEENA	kvjaisalmer@gmail.com

Administrative staff

Sno.	Name	Email
1.	DEVI SINGH	kvjaisalmer@gmail.com
2.	SAWAI SINGH	kvjaisalmer@gmail.com
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5.	BHERU SINGH	kvjaisalmer@gmail.com

Students

Sno.	Name	Email	Grade/Class
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2.	ADITYA	kvjaisalmer@gmail.com	11
3.	MAHENDER	kvjaisalmer@gmail.com	11
4.	RITIK	kvjaisalmer@gmail.com	11
5.	MORE VIJAY	kvjaisalmer@gmail.com	11
6.	ANNU	kvjaisalmer@gmail.com	12
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Task 2: Measure the four critical areas of your school campus

Complete the table:

1

14 of 27

Site area in square meter (m2)	60,703
Ground coverage area	3,703
Green landscaped area on-ground	4,542
Surface parking area	0
Play area that is paved/ concrete on ground	952
Play area that has grass on ground	213
Service Area on ground	11,018
Roof and terrace area	40,200
Green cover on exposed roof & terrace	0
Total built up/constructed area	40,200
Total no. of floors	2
Others	74

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	10	05	15
Animals	10	02	12

Task 4: Find out if your school uses pesticides

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.	KESHAV KHANDELWAL	kvjaisalmer@gmail.com
2.	HEMANT PANDYA	kvjaisalmer@gmail.com
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Administrative staff

Sno.	Name	Email
1.	REWANTEE LAL	kvjaisalmer@gmail.com
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3.	SEEMA SHARMA	kvjaisalmer@gmail.com
4.	SC SAMOTA	kvjaisalmer@gmail.com
5.	B R JANGID	kvjaisalmer@gmail.com

Students

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9.	SAKSHI	kvjaisalmer@gmail.com	12
10.	NISHA	kvjaisalmer@gmail.com	12

Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

Drinking	4000
Toilet flushing	4000
Personal cleaning	0
Washing clothes	0
Cooking	0
Cleaning Utensils	0
Washing Vegetables	0
Mopping floors	1000
Gardening	2000
Total	11000

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

Does your school get daily water supply?

Yes

4(a) If supply of water is daily, please tick the correct option

7-12 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?	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?	No
Any other step taken for water conservation? (if Yes, please specify)	No

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).
20000

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

How many drinking water taps do you have?

15

How many hand pumps do you have?

0

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

20

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

	Girls	Boys	Common	Total
Number of toilets	16	16	10	42

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

25

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

5

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?

No

Does your school reuse the treated wastewater?

No

Please specify the fate of wastewater

Wastewater flows directly to the drains

No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	A K CHAUHAN	kvjaisalmer@gmail.com
2.	DINESH KUMAR	kvjaisalmer@gmail.com
3.	V K SINGH	kvjaisalmer@gmail.com

Administrative staff

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1.	B S MEENA	kvjaisalmer@gmail.com
2.	M R MEENA	kvjaisalmer@gmail.com
3.	NAVRATAN	kvjaisalmer@gmail.com
4.	RUCHI ACHRA	kvjaisalmer@gmail.com
5.	OM PRAKASH	kvjaisalmer@gmail.com

Students

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9.	SAKSHI	kvjaisalmer@gmail.com	12
10.	NISHA	kvjaisalmer@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. Housekeeping (Sweeper)
- 2. Ragpicker
- 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	31	0	31	0	0
Playgrounds	15	0	15	0	0
Common area (e.g. reception, corridors)	10	0	10	0	0
Staffroom	5	0	5	0	0
Laboratory	20	0	20	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	2	0	2	0	0
Library	2	0	2	0	0
Toilets	5	0	5	0	0
Others	6	0	6	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	500
Kitchen waste	0
Paper	2000

Plastic	500
Wood, glass, metal, classroom furniture	300
E-waste	10
Biomedical waste	0
Sanitary waste	100
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	3410

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?

No

Does your school encourage students & teachers to reuse textbooks?

Yes

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)	×	×	×	4
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?

Don't know

No documents uploaded by the school.

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	1	1	0
Refrigerators and freezers	2	2	0
Washing machines	0	0	0
Air conditioners	14	14	0
Heaters	0	0	0
Microwaves	0	0	0
Ovens	0	0	0
Toasters	0	0	0

Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	69	69	0
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	15	15	0
Copying equipment (Photocopiers)	7	6	1
Projectors	13	13	0
Whiteboards	2	2	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	10	10	0
Fax machines	1	1	0
Telex	0	0	0
Telephones	2	2	0
Pay telephones	0	0	0
Mobiles	0	0	0
Answering systems	0	0	0

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

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.

What form do these awareness drives take?

As part of extracurricular activities such as guest lectures

Is the study of the environment integrated into the curriculum?

Yes

No documents uploaded by the school.



FEEDBACK

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?

2015-16

1(b) If yes, how many times have you done the audit?

1

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?

TO RESTORE WATER AVAILABILITY IN OUR VIDYALAYA LOCATED IN DESERT OF JAISALMER

How would you rate the overall design of the audit?

Aspect	Good / Average /Bad
Content	Good
Distribution of time among tasks	Bad
Sequencing of tasks	Average

Orientatio	n for conducting tasks	Good
	Would your school like to recommend any topic/s that deleted in the audit?	at you strongly feel should be added or
10	Could you finish all the tasks in given period of time of	online?
	No	
	How many times did you contact the Green Schools counseling? Once	Programme Team for guidance and
12	Water being the focus this year, did you find the questyour school understand how to become water efficiency	•
13	Did your students enjoy doing the Water activities?	
	Yes	
13(a)	How many students were involved in the activities?	
	10.00	

Checklist of uploaded documents

1. Electricity Bill