



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA NO.1 (ARMY),
JODHPUR

Address: Military Area, Ajmer Road, JODHPUR-
342010(Rajasthan), Jodhpur, Jodhpur,
Rajasthan, India

Coordinator Name: RAJNI KARDAM



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.1 (ARMY), JODHPUR

2

Address

Military Area, Ajmer Road, JODHPUR-342010(Rajasthan), Jodhpur, Jodhpur, Rajasthan, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 0291 (NUMBER) 2510230

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9414177613

5

Principal Name

SH. A. K. DWIVEDI

6

GSP Coordinator Name

RAJNI KARDAM

7

GSP Coordinator Email

RajniKardam@yahoo.co.in

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9928505640

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	890	771	1661
Teachers	38	23	61
Non-Teaching Staff	7	0	7
TOTAL	935	794	1729

4(b) How many visitors visit your school

10

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

215

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

Aug

7 Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	B.S. MEENA	B.S. MEENA

Administrative staff

Sno.	Name	Email
1.	A.K. Dwivedi	shkdwivedi@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	RISHI RAJ SINGH RATHORE	rishiraj2315singhrathore@gmail.com	10
2.	PRABHJOT SINGH	manpreet3399.mk@gmail.com	10
3.	ATUL KUMAR SINGH	atulkumarsingh1811@yahoo.com	10
4.	MANISHA	khadavmanisha@gmail.com	10

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

1 How many classrooms does your school have?

45

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	147.00	7.20	4.90
2 A,B,C	147.00	7.20	4.90
3 A,B,C	147.00	7.20	4.90
4 A, B, C	147.00	7.20	4.90
5 A, B, C	147.00	7.20	4.90
6 A, B, C	147.00	7.20	4.90

7 A,B, C	147.00	7.20	4.90
8 A,B,C,D	196.00	9.60	4.90
8,9, 10, A,B, C,D	588.00	28.80	4.90
11,12, A,B,C	294.00	14.40	4.90
TOTAL	2,107.00	103.20	

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
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)	810	0	0	810
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	0	0	0	0
Personal four-wheeler	0	10	0	10
Personal two-wheeler	0	45	3	48
Bicycle	800	0	3	803
On foot	51	6	1	58
Others (non-motorised)	0	0	0	0
SUB-TOTAL	1661	61	7	1729

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

5

How many students suffer from respiratory ailments ?

1

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.	DINESH PRAKASH	kirudinesh@gmail.com

Administrative staff

Sno.	Name	Email
1.	ASHOK KUMAR DWIVEDI	shkdwivedi@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	PRAVIN KUMAR	pk1400300@gmail.com	10
2.	RAMESH KUMAR	rk3400200@gmail.com	10
3.	YASHWARDHAN	khetarpal619@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. ele 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)	75	270.00	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	75.00	270.00	

Supporting Documents

1. ele bill.jpg

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	17	1.5	1
Refrigerator	1	165	3
Microwave	0	0	0
Tube Lights	300	40	0
CFL Bulbs	0	0	0
LED Lights	0	0	0
Fans	275	40	0

Supporting Documents

1. 5 STAR AC.jpg

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

5

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

360

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.	SUMAN TALWARA	omchoudhary910@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ashok Kumar Dwivedi	shkdwivedi@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	VASUDEV SINGH	vasurajpurohit@rediffmail.com	10
2.	RITIKA PADEY	shripandey21@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
Yes

2 Does your school serve midday meals?
No

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

Supporting Documents

1. IMG_20161119_102932.jpg
2. IMG_20161119_103007.jpg

2(a)(1) How many students out of total student population bring home-made lunch?
1661.00

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	07	150	8
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	00	0	00
Sugar sweetened noncarbonated beverages	0	0	0
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	0	0
Packaged/Bottled Energy Drinks	0	0	0

Supporting Documents

1. IMG_20161119_103213.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?

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

Supporting Documents

1. IMG_20161119_103043.jpg



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	RAM BHAROSI MEENA	rb.meena2010@gmail.com

Administrative staff

Sno.	Name	Email
1.	A. K. DWIVEDI	shkdwivedi@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	JOBIN GEORGE	jobingeorge.jodhpur@gmail.com	
2.	UTKARSH SINGH	utkarshsingh7697@gmail.com	

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)	48,562
Ground coverage area	48,562
Green landscaped area on-ground	47,002
Surface parking area	1,050
Play area that is paved/ concrete on ground	510
Play area that has grass on ground	47,002
Service Area on ground	5,394
Roof and terrace area	5,394
Green cover on exposed roof & terrace	0
Total built up/constructed area	5,394

Total no. of floors	1
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	25	5	30
Animals	10	0	10

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. GREEN GROUND2.jpg
2. IMG_20161119_141654.jpg
3. IMG_20161119_141825.jpg
4. IMG_20161119_141901.jpg
5. IMG_20161119_141849.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	LALTA PRASAD	laltaprasad51@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	A.K. DWIVEDI	shkdwivedi@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SHUBHAM NIMESH	shubhamnimesh@yahoo.co.in	12
2.	VASUDEV SINGH	vasudevrajpurohit@rediffmail.com	10

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	3500
Toilet flushing	2500
Personal cleaning	000
Washing clothes	000
Cooking	000
Cleaning Utensils	000
Washing Vegetables	0000
Mopping floors	500
Gardening	4000
Total	10500

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

2 Where does the water your school uses, come from?

Rain water

3 Who supplies the water in your school?

Private supplier

4 Does your school get daily water supply?

No

4(b) If supply of water is not daily, please tick the correct option

Every alternate day in a week

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?	No
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?	No
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?	No
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_20161120_202114.jpg

Task 5: Does your school harvest rainwater?

6

Do you have Rainwater harvesting (RWH) system in your school?

Yes

6(a)

Does your school harvest different catchments?.

No

6(b)

How does your school harvest rainwater?

By recharging groundwater

6(b)(1)

Does your school have groundwater recharge structure?

No

6(c)

How much area in your school is harvested?

10 to 20 per cent

6(d)

Please select (from the list given below) the rainwater harvesting structures present in your school

Gutters

6(e)

Rate your catchment on cleanliness:

Average

No documents uploaded by the school.

6(f)

Does your school clean your catchment and system (structure)?

No

6(g)

Does your school monitor the rainwater harvesting structure for its efficiency?

Yes

6(g)(1)

Please specify when does your school monitor the groundwater level?

Post-monsoon

6(h)

What is the trend of groundwater level in your school across the year?

No change

6(i)

If your school's RWH structure is more than a year old, is there any improvement in the groundwater quality after the implementation of the RWH structure?

No

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?	No
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?

25

9

How many hand pumps do you have?

0

10

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

5

11

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

	Girls	Boys	Common	Total
Number of toilets	3	3	0	6

12

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

2

13

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

0

14

Is there a water storage system in place to supply water in the toilets?

No

15

Is the water supply sufficient?

Yes

16

Are the toilets cleaned?

Yes

16(a)

If yes, please specify

Once 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

Wastewater flows directly to the drains

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Ajit Singh Monga	ajitsingh.monga2@gmail.com

Administrative staff

Sno.	Name	Email
1.	A K Dwivedi	shkdwivedi@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Rishiraj Singh	rishiraj2315Singhrathore@gmail.com	10
2.	ATUL KUMAR SINGH	atulkumarsingh1811@yahoo.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	45	0	45	0	0
Playgrounds	3	0	3	0	0
Common area (e.g. reception, corridors)	4	0	0	0	4
Staffroom	3	0	3	0	0
Laboratory	8	0	8	0	0
Canteen	1	0	1	0	0
Clinic/ Sick room	1	0	0	1	0

Library	1	0	1	0	0
Toilets	8	0	8	0	0
Others	0	0	0	0	0
Total	74	0	69	1	4

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	5
Kitchen waste	1
Paper	1
Plastic	0
Wood, glass, metal, classroom furniture	2
E-waste	0
Biomedical waste	0
Sanitary waste	1
Construction and Demolition (C & D) waste	1
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	11

No documents uploaded by the school.

Task 4: How much waste does your school recycle/treat?

4

Does your school recycle any generated waste?

Yes

4a

Please provide quantity of which is applicable. (in kilogram)

	Quantity
Garden/ horticulture waste	0
Kitchen waste	0
Paper	5
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total (in kilogram)	5

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)				

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	1	1	0
VCR or DVD players	0	0	0
Refrigerators and freezers	1	1	0
Washing machines	0	0	0
Air conditioners	17	17	0
Heaters	1	1	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)	63	63	0
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	10	8	2
Copying equipment (Photocopiers)	10	8	2
Projectors	6	6	0
Whiteboards	4	4	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	3	3	0
Fax machines	1	1	0
Telex	0	0	0
Telephones	10	10	0
Pay telephones	2	2	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?

Taken back by manufacturer

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

No documents uploaded by the school.



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?

Recycling, reusing the resources & proper disposal of e-waste will be help full to make my school a GREEN SCHOOL.

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?

Yes

9(a)

If yes, please share your suggestions.

Area calculation should not be involved.

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?

40.00

Checklist of uploaded documents

1. Fuel Bills
2. Electricity Bill
3. Picture of 5 star appliances used by school
4. Photographs of lunch boxes
5. Picture of Canteen selling UPPF
6. Pictures of landscaped area