



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA ,JALIPA CANTT.

Address: POST BOX NO.-18, JAISALMER
HIGHWAY, BARMER, Barmer,
Rajasthan, India

Coordinator Name: Mrs. Puja Mishra



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 ,JALIPA CANTT.

2

Address

POST BOX NO.-18, JAISALMER HIGHWAY, BARMER, Barmer, Rajasthan, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 02982 (NUMBER) 220429

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 7726054170

5

Principal Name

Dr. Saroj Dabas

6

GSP Coordinator Name

Mrs. Puja Mishra

7

GSP Coordinator Email

hema.puja@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9549016682

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	545	375	920
Teachers	26	9	35
Non-Teaching Staff	9	0	9
TOTAL	580	384	964

4(b)

How many visitors visit your school

220

5

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

220

6

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

Nov

7

Where is the school located?

Rural Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Sh.hukma ram,PGT(Biology)	Sh.hukma ram,PGT(Biology)
2.	Sh.deepak,TGT(Science)	deepakkvd@gmail.com

Administrative staff

Sno.	Name	Email
1.	Sh.Durg singh,LDC	dschouhan85@rediffmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Master somesh	somesh2210@gmail.com	11
2.	Master Manveer	manveersinghrathore570@gmail.com	11
3.	Master Rishabh Jain	beingrish@gmail.com	11
4.	Master hrithik rajput	hrithikkr059	11

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

1 How many classrooms does your school have?

26

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)
12A	46.38	7.95	17.14
12B	46.38	7.95	17.14
3B	46.38	7.95	17.14
2B	46.38	7.95	17.14
1B	46.38	7.95	17.14

12C	46.38	7.95	17.14
10A	46.38	7.95	17.14
9A	46.38	7.95	17.14
8A	46.38	7.95	17.14
7A	46.38	7.95	17.14
TOTAL	463.80	79.50	

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	300	0	0	300
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	1	0	1
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	500	0	0	500
Personal four-wheeler	0	5	0	5
Personal two-wheeler	10	7	1	18
Bicycle	90	2	2	94
On foot	20	20	6	46
Others (non-motorised)	0	0	0	0
SUB-TOTAL	920	35	9	964

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.	vir mohammad	vir66.kvs@gmail.com

Administrative staff

Sno.	Name	Email
1.	Sh. vishnu prakash	vishnuprakash1216@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SHILPI KUMARI	surajupadhyay601@gmail.com	11
2.	SATYAM RAWAT	neerajsonurawat@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. elec.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)	7383	26578.80	1,5

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)	3	154.80	5
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	7386.00	26733.60	

Supporting Documents

1. elec.jpg

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	6	1.5	2
Refrigerator	1	192	3
Microwave	0	0	0
Tube Lights	258	36	2
CFL Bulbs	15	85	4
LED Lights	1	30	4
Fans	185	70	3

No documents uploaded by the school.

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

5

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

350

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.	Ms. Sameeta	sameeta109@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	Sh.Durg Singh	dschouhan85@rediffmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SAKSHAM KARWASRA	drvikaskarwasara2000@gmail.com	11
2.	GAURAV KUMAR JAT	jatdaluram@gmail.com	11

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. lunch1.jpg

2(a)(1)

How many students out of total student population bring home-made lunch?

920.00

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	0	10	0
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	0	10	0
Potato fries and Burgers	0	0	0
Confectionery items (chocolate, candies, gums)	0	10	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	0	10	0
Packaged/Bottled Energy Drinks	0	0	0

No documents uploaded by the school.

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

during national festivals

7

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

Yes

7(a)

Please provide the names?

for celebrating birthday

8

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

No

No documents uploaded by the school.



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. prema singh	premashailendra@gmail.com

Administrative staff

Sno.	Name	Email
1.	Sh.durg singh	dschouhan85@rediffmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SONU MUJALDE	baby14394@gmail.com	12
2.	RAVINDRA CHOUDHARY	choudharyravindra03@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)	60,702
Ground coverage area	36,421
Green landscaped area on-ground	18,210
Surface parking area	250
Play area that is paved/ concrete on ground	1,891
Play area that has grass on ground	11,411
Service Area on ground	90
Roof and terrace area	3,710
Green cover on exposed roof & terrace	0
Total built up/constructed area	2,370

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	1000	5	1005
Animals	0	0	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. land1.jpg
2. land2.jpg
3. land5.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Mr. neeraj khatri	neeruk17@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	Sh.Durg Singh	dschouhan85@rediffmail.com

Students

Sno.	Name	Email	Grade/Class
1.	ROHIT BOSE	drdinesh4u@yahoo.com	12
2.	MINNAL JAGGI	minaljaggi1999@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	1000
Toilet flushing	50
Personal cleaning	20
Washing clothes	0
Cooking	0
Cleaning Utensils	10
Washing Vegetables	0
Mopping floors	15
Gardening	1000

Total	2095
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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

4 Does your school get daily water supply?

Yes

4(a) 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?

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. water-sprinkling-herb-garden-250x250.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).

15

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?

6

9

How many hand pumps do you have?

0

10

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

11

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?

16

13

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

6

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

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

17

Does your school treat wastewater?

No

18

Does your school reuse the treated wastewater?

Yes

18(a)

How does your school reuse wastewater?

Gardening

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Sh. Narendra Solanki	narendra081283@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	Sh.Durg Singh	dschouhan85@rediffmail.com

Students

Sno.	Name	Email	Grade/Class
1.	NEHA VERMA	NEHAXBKV2PTK@GMAIL.COM	12
2.	PRERNA RATHORE	neembsingh63@gmail.com	12

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	26	0	26	0	0
Playgrounds	6	0	0	0	6
Common area (e.g. reception, corridors)	4	0	0	0	4
Staffroom	2	0	0	2	0
Laboratory	6	0	0	0	6
Canteen	1	0	1	0	0
Clinic/ Sick room	1	0	1	0	0

Library	1	0	1	0	0
Toilets	9	0	0	0	9
Others	5	0	5	0	0
Total	61	0	34	2	25

Supporting Documents

1. dusbtin.jpg.gallery.jpg
2. dustbin2.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	.5
Kitchen waste	5
Paper	5
Plastic	0
Wood, glass, metal, classroom furniture	2
E-waste	1
Biomedical waste	0
Sanitary waste	2
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	15.5

Supporting Documents

1. paper waste.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. selling paper.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. waste disposal2.jpg

9

Does your school burn waste?

Yes

Supporting Documents

1. burning paper.jpg

9a

Where does your school burn waste?

Inside the school

9b

What kind of waste is being burnt/ incinerated?

Paper

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	1	1	0
Refrigerators and freezers	1	1	0
Washing machines	0	0	0
Air conditioners	6	6	0
Heaters	3	3	0
Microwaves	0	0	0
Ovens	0	0	0
Toasters	0	0	0
Electric Kettles	1	1	0

Personal computers (CPU, mouse, screen and keyboard included)	61	61	0
Laptop computer (CPU, mouse, screen and keyboard included)	1	1	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	7	7	0
Copying equipment (Photocopiers)	3	3	0
Projectors	14	14	0
Whiteboards	6	6	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

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?

Authorised dismantler

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?

As part of the curriculum

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?

need Air quality monitoring equipment

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?

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?

5.00

Checklist of uploaded documents

1. Fuel Bills
2. Electricity Bill
3. Photographs of lunch boxes
4. Pictures of landscaped area
5. Pictures of playground with more than two dustbins
6. Picture of types of solid waste generated
7. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers, etc
8. Pictures of housekeeping staff disposing different types of solid waste
9. Pictures of burning waste
10. Certificate of disposing e-waste from authorised dealer/dismantler
11. Pictures of respective audit teams doing survey