

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA HIMMATNAGR

Address: MEHTAPURA, VIJAPUR ROAD,

HIMMATNAGAR, HIMMATNAGAR,

Sabarkantha, Gujarat, India

Coordinator Name: YOGESH YADAV



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 HIMMATNAGR

2 Address

MEHTAPURA, VIJAPUR ROAD, HIMMATNAGAR, HIMMATNAGAR, Sabarkantha, Gujarat, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 02772 (NUMBER) 223670

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9712128866

5 Principal Name

ASHOK KUMAR

GSP Coordinator Name

YOGESH YADAV

GSP Coordinator Email

yrnn_2007@rediffmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9904939923

Category Of The School

Day Scholar

10 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	339	227	566
Teachers	12	15	27
Non-Teaching Staff	3	0	3
TOTAL	354	242	596

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?

Oct

Where is the school located?

Rural Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	YOGESH YADAV	YOGESH YADAV
2.	SALMANALI KHANUSIYA	khanusiyasalmanali@gmail.com
3.	ANITA DAMOR	anitadamor@gmail.com

Administrative staff

Sno.	Name	Email
1.	ASHOK KUMAR RATHI	rahul_24024@yahoo.co.in
2.	MUKESH SWAMI	mk.swami84@gmail.com
3.	SHALENDRA MAKWANA	makwanashalendra1@gmail.com
4.	PRADEEP KUMAR KULDEEP	pkkuldeep11@gmail.com
5.	ARUNA KHANNA	arunakhanna14@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	AYUSHI BHATT	divyeshbhatt@gmail.com	12
2.	DEEP MISTRY	deepmistry1899@gmail.com	12
3.	JAYAN TIRGAR	jayantrigar@gmail.com	12
4.	JAY SUTHAR	starjohny1999@gmail.com	12
5.	NANDINI	nandinianand1994@gmail.com	11
6.	PRASHANJIT DAS	golakhchandradas88@gmail.com	10
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8.	BHARTI RAO	khanusiyasalmanali@gmail.com	9
9.	VASAVDATT PRANAMI	ashokpranami65@gmail.com	9
10.	YUG KUMPAVAT	rajendra.kumpavat@bayer.com	8

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

1

How many classrooms does your school have?

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)
CLASS I SECTION A	48.27	9.00	18.65
CLASS I SECTION B	42.38	9.00	21.24
CLASS II SECTION A	45.14	9.00	19.94
CLASS III SECTION A	55.77	9.00	16.14
CLASS IV SECTION A	46.32	9.00	19.43
CLASS V SECTION A	50.58	8.00	15.82
CLASS VI SECTION A	54.32	9.00	16.57
CLASS VII SECTION A	50.06	8.00	15.98
CLASS VIII SECTION A	46.13	8.00	17.34
CLASS IX SECTION A	52.97	9.00	16.99
TOTAL	491.94	87.00	

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?

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	0	00	00	0
Public Bus	0	5	0	5
School Transport(Other than bus)	0	0	00	0
Public transport (other than bus, Metro, car pool)	0	0	0	0
Taxi four-wheeler	100	0	0	100

Taxi three-wheeler	250	0	0	250
Personal four-wheeler	0	6	0	6
Personal two-wheeler	10	5	0	15
Bicycle	55	0	1	56
On foot	151	11	2	164
Others (non-motorised)	0	0	0	0
SUB-TOTAL	566	27	3	596

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



Does the school laboratory have air quality monitoring equipment?

No

6(a)

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.	YOGESH YADAV	yrnn_2007@rediffmail.com
2.	PREDEEP KUMAR KULDEEP	pkkuldeep11@gmail.com
3.	SHALENDRA MAKWANA	makwanashalendra1@gmail.com

Administrative staff

Sno.	Name	Email
1.	MUKESH KUMAR SWAMI	mk.swami84@gmail.com
2.	JYOTIKA BAROT	jyotikabarot5987@gmail.com
3.	PRANAV BHATT	pranavbhatt369@gmail.com
4.	SALMANALI KHANUSIYA	khanusiyasalmanali@gmail.com
5.	SWATI SOLANKI	swati_8987@gmail.com

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9.	VASAVDATT PARNAMI	ashokparnami65@gmail.com	9
10.	YUG KUMPAVAT	rajendra.kumpavat@bayer.com	8

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. img6.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)	9530	34308.00	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)	01	51.60	3
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	9531.00	34359.60	

Supporting Documents

1. img6.jpg

	Number	Size	BEE Star Rating
Air Conditioners	04	1.5	0
Refrigerator	0	0	0
Microwave	0	0	0
Tube Lights	208	40	0
CFL Bulbs	94	60	0
LED Lights	0	0	0
Fans	145	60	0

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

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

300

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.	YOGESH YADAV	yrnn_2007@rediffmail.com
2.	PRADEEP KUMAR KULDEEP	pkkuldeep11@gmail.com
3.	MUKESH KUMAR SWAMI	mk.swami84@gmail.com

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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

No documents uploaded by the school.

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

566.00

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

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	00	0
Packaged/Bottled Energy Drinks	0	0	0

No documents uploaded by the school.

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?

No

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

Yes

7(a) Please provide the names?

BISCUITS, CHOCOLATES

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

Yes

8(a) Does the school distribute packaged food items as rewards during schools events?

PARLE

Are their banners, brochures, hoardings, stalls etc. put-up during the events?

No

No documents uploaded by the school.



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	YOGESH YADAV	yrnn_2007@rediffmail.com
2.	SALMANALI KHANUSIYA	khanusiyasalmanali@gmail.com
3.	PRADEEP KUMAR KULDEEP	pkkuldeep11@gmail.com

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

Complete the table:

1

Site area in square meter (m2)	41,140
Ground coverage area	1,808
Green landscaped area on-ground	400
Surface parking area	32
Play area that is paved/ concrete on ground	0
Play area that has grass on ground	1,600
Service Area on ground	0
Roof and terrace area	883
Green cover on exposed roof & terrace	0
Total built up/constructed area	3,168
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	35	0	35
Animals	0	0	0

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.	YOGESH YADAV	yrnn_2007@rediffmail.com
2.	PRADEEP KUMAR KULDEEP	pkkuldeep11@gmail.com
3.	MUKESH SWAMI	mk.swami84@gmail.com

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Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

Activity

Drinking	1700
Toilet flushing	250
Personal cleaning	0
Washing clothes	0
Cooking	0
Cleaning Utensils	0
Washing Vegetables	0
Mopping floors	60
Gardening	400
Total	2410

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?

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

Does your school get daily water supply?

No

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

=1 day

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?	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?	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).

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?

12

How many hand pumps do you have?

1

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

4

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

	Girls	Boys	Common	Total
Number of toilets	6	6	2	14

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

8

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

3

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

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

Used for groundwater recharge

No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	YOGESH YADAV	yrnn_2007@rediffmail.com
2.	PRADEEP KUMAR KULDEEP	pkkuldeep11@gmail.com
3.	MUKESH SWAMI	mk.swami84@gmail.com

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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

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	13	13	0	0	0
Playgrounds	8	04	04	0	0
Common area (e.g. reception, corridors)	4	02	02	0	0
Staffroom	2	01	01	0	0
Laboratory	6	03	03	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	2	01	01	0	0
Library	2	01	01	0	0
Toilets	4	02	02	0	0
Others	2	01	01	0	0
Total	43	28	15	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	55
Kitchen waste	25
Paper	2
Plastic	1

Wood, glass, metal, classroom furniture	.2
E-waste	0
Biomedical waste	0
Sanitary waste	2
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	85.2

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)	×	✓	×	×
Wood,glass, metal scrap, other scrap	×	×	×	4
Biomedical waste (e.g. waste from Nurse's room in school, e.g. band-aids, syringe)	×	•	×	×

Task 5: How does your school dispose waste?

8 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	0	0	0
Washing machines	0	0	0
Air conditioners	4	4	0
Heaters	1	1	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)	24	24	0
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	5	5	0
Copying equipment (Photocopiers)	2	2	0
Projectors	1	1	0
Whiteboards	10	10	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	2	2	0
Fax machines	1	1	0
Telex	0	0	0
Telephones	2	2	0
Pay telephones	2	2	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?

Taken back by manufacturer

Task 6: School's initiatives

Does the school have a policy on waste?

No

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

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? suggestion from your sides.

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

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?

Checklist of uploaded documents

10.00

- 1. Fuel Bills
- 2. Electricity Bill
- 3. Picture of 5 star appliances used by school