



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA NO 3 BHOPAL
SECOND SHIFT

Address: DANISH NAGAR , HOSHANGABAD
ROAD BHOPAL, BHOPAL, Bhopal,
Madhya Pradesh, India

Coordinator Name: JITENDRA SINGH



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 3 BHOPAL SECOND SHIFT

2

Address

DANISH NAGAR , HOSHANGABAD ROAD BHOPAL, BHOPAL, Bhopal, Madhya Pradesh, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 0755 (NUMBER) 4297829

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9425127162

5

Principal Name

Dr RITU PALLAVI CHOUHAN

6

GSP Coordinator Name

JITENDRA SINGH

7

GSP Coordinator Email

hmp_jeeturaja@yahoo.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 7566854375

9

Category Of The School

Day Scholar

10

School Shifts

Both

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	1101	833	1934
Teachers	15	50	65
Non-Teaching Staff	16	0	16
TOTAL	1132	883	2015

4(b)

How many visitors visit your school

10

5

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

224

6

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

Nov

7

Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. ABHA SHRIVASTAVA	Mrs. ABHA SHRIVASTAVA
2.	MRS. MEENA PUROHIT	meena9purohit@gmail.com
3.	MRS. MAMTA PANDEY	pandemamta73@gmail.com

Administrative staff

Sno.	Name	Email
1.	Dr. RITU PALLAVI	ritup16@yahoo.com
2.	MRS. KIRAN SHARMA	kirankvbpl2gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	ATUSHI DUBEY	ayushidubey298@gmail.com	11
2.	ANSHUL JAIN	jainkirana786@gmail.com	11
3.	MAYANK ATHANKAR	athankarmayank@gmail.com	11
4.	DEVRAJ SINGH MALVIYA	derajdharvanti786@gmail.com	11
5.	MAHAK AGRAWAL	ragrawal149@gmail.com	11
6.	AMRITA PATEL	amritapatel0695@gmail.com	11
7.	PALLAVI CHOUHAN	pcangels32@gmail.com	11
8.	ANURAG CHATURVEDI	anuragchaturvedi14@gmail.com	11
9.	DEWANSI MUDHOLKAR	mudholkar.sanjay@gmail.com	11
10.	LAKSHYA GOLA	lakshyakunal123@gmail.com	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)
CLASS I A	53.51	7.64	14.27
CLASS I B	53.51	7.64	14.27
CLASS II A	53.51	7.64	14.27
CLASS II B	53.51	7.64	14.27
CLASS III A	53.51	7.64	14.27
CLASS III B	53.51	7.64	14.27
CLASS IV A	53.51	7.64	14.27
CLASS IV B	53.51	7.64	14.27
CLASS V A	53.51	7.64	14.27
CLASS V B	53.51	7.64	14.27
TOTAL	535.12	76.36	

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	200	0	0	200
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	1464	0	0	1464
Taxi four-wheeler	0	5	0	5
Taxi three-wheeler	0	1	0	1

Personal four-wheeler	0	20	0	20
Personal two-wheeler	0	25	10	35
Bicycle	60	0	0	60
On foot	210	14	6	230
Others (non-motorised)	0	0	0	0
SUB-TOTAL	1934	65	16	2015

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

5

How many students suffer from respiratory ailments ?

7

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.	MRS. J.QUADIR	quadirchem100@gmail.com
2.	MRS. VIJAYA CHALMELA	vijayamayank24@gmail.com
3.	MRS. MANJU TIWARI	tmanu3649@gmail.com

Administrative staff

Sno.	Name	Email
1.	DR.RITU PALLAVI	ritup16@yahoo.com
2.	MRS. KIRAN SHARMA	kirankvbpl@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	YOGITA SAHU	santoshsahu01.1971@gmail.com	10
2.	NIKHIL RATHORE	rnikky05@gmail.com	10
3.	YASH CHOURASIA	chourasia629@gmail.com	10
4.	TAYYABA PARVEEN	asmafaheen6584@gmail.com	10
5.	SAARTHAK LAKHANI	saarthaklakhani@gmail.com	10
6.	SIMRAN KAUR	pari_2mp@rediffmail.com	9
7.	PRABAL SONAKIYA	prabalsonakiya25042002@gmail.com	9
8.	MANASVI SEN	adityasen169@gmail.com	9
9.	ISHA SINGH	anil_singh702010@yahoo.com	9
10.	NEERAJ YADAV	sapna0426@gmail.com	9

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. bil.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)	5687	20473.20	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)	2000	35200.00	0
Animal waste (kilogrammes)	0	0.00	0
Solar (kwh)	0	0.00	0
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	28	1444.80	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	7715.00	57118.00	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	8	1.5	3
Refrigerator	1	165	0

Microwave	0	0	0
Tube Lights	229	40	0
CFL Bulbs	4+90	15	3
LED Lights	0	0	0
Fans	185+14	60	0

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?

300

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.	MRS. PUJA SHRIVASTAVA	pooja2102@yahoo.co.in
2.	MRS. RAJITA MISHRA	rajitamishra@redifmail.com
3.	MRS. SUMAN KOMRE	sumankomare@gmail.com

Administrative staff

Sno.	Name	Email
1.	DR. RITU PALLAVI	ritup16@yahoo.com
2.	MRS. KIRAN SHARMA	kirankvbpl@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	MANAV DAS	manavdas28@gmail.com	11
2.	PEEYUSH SINGH	peeyushsingh9407@gmail.com	11
3.	PUSHOTTAM NARAYAN SINGH	virpratap67@gmail.com	11
4.	SHIKHAR MISHRA	mishra.rakesh2002@gmail.com	11
5.	SHREERAJ TIWARI	shreeraj_tiwari@yahoo.com	11
6.	MOHD. ALI JAFRI	misdaqahmedjafri@gmail.com	9
7.	SANIDHAY SHRIVASTAVA	shrivastavasanidhay@yahoo.com	9
8.	PRATEEK SINGH	baghel.prateek@yahoo.in	9
9.	RUCHIKA YADAV	dineshbaboo@yahoo.com	9
10.	SHRISH GUPTA	shrish.gupta@yahoo.com	9

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. I1.jpg
2. I2.jpg

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

1934.00

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	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

Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	0	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?

No

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

Yes

7(a) Please provide the names?

BISCUITS FRUITS,

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.	MR. JITENDRA KUMAR DIXIT	jkdjamnagar@gmail.com
2.	MR. C.J.TOPPO	toppocj70@gmail.com
3.	MRS. M. BHALAVI	madhulatabhalavi@yahoo.com

Administrative staff

Sno.	Name	Email
1.	DR. RITU PALLAVI	ritup16@yahoo.com
2.	MRS. KIRAN SHARMA	kirankvbpl@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SHUBHAM JHARWARE	shubhamjharwade225@gmail.com	11
2.	YASH PRAJAPATI	prajapaty501@gmail.com	11
3.	ABHISHARIKA SINGH	abhisharika2001@gmail.com	11
4.	DISHA BARODE	vdbarode@yahoo.in	11
5.	EKTA SHRIVASTAVA	surabhishvastava1971@gmail.com	11
6.	KAVYA	kavyashikha30@gmail.com	10
7.	NIKITA	nikitaraghuwanshi113@gmail.com	10
8.	SHARDA	rkv9300824224	10
9.	YASHIKA	anarayanv81@gmail.com	10
10.	DEEPSHIKHA	lokhandechindu@gmail.com	10

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

1

Complete the table:

	Your school's area
Site area in square meter (m ²)	16,188
Ground coverage area	4,046

Green landscaped area on-ground	400
Surface parking area	200
Play area that is paved/ concrete on ground	0
Play area that has grass on ground	2,000
Service Area on ground	200
Roof and terrace area	12,142
Green cover on exposed roof & terrace	0
Total built up/constructed area	24,284
Total no. of floors	2
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	400	0	400
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

No documents uploaded by the school.



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	MR. R.K.G.PANDEY	1964rishikumar@gmail.com
2.	MRS. SUCHITA SONI	ms.suchitasoni@rediffmail.com
3.	MR. S. RAM	shyamaram60@gmail.com

Administrative staff

Sno.	Name	Email
1.	DR. RITU PALLAVI	ritup16@yahoo.com
2.	MRS. KIRAN SHARMA	kirankvbpl@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SURYAKANT RAJAK	suryakantrajak143@gmail.com	11
2.	MADHUMITA BISWAS	bkbiswas9934@gmail.com	11
3.	MUSKAN YADAV	muskantheanjel@gmail.com	11
4.	NEHA RAGHUVANSHI	nehasuryawanshi242000@gmail.com	11
5.	RITU PRIYA	shyamaram60@gmail.com	11
6.	SAYED	adoochoto@gmail.com	10
7.	KUNAL	sejkar@gmail.com	10
8.	DUSHYANT	dushyantmarathi7@gmail.com	10
9.	GAHAN	gurjargahan@gmail.com	10
10.	TEJAS	tejasvijayvergia2002@gmail.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	4000
Toilet flushing	8000

Personal cleaning	2000
Washing clothes	0
Cooking	0
Cleaning Utensils	100
Washing Vegetables	0
Mopping floors	1000
Gardening	2000
Total	17100

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?

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

7-12 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?	No
Does your school use a drip or irrigation system?	No
Any other step taken for water conservation? (if Yes, please specify)	No

No documents uploaded by the school.

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).

5000

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?

24

9 How many hand pumps do you have?

0

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

24

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

	Girls	Boys	Common	Total
Number of toilets	5	5	0	10

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

24

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

2

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

More than 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

Wastewater flows directly to the drains

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	MR. SANTOSH KUAMR SONI	sksoni903@gmail.com
2.	MR. S.K.DEWANGAN	sdewangan.kva@gmail.com

Administrative staff

Sno.	Name	Email
1.	DR. RIYU PALLAVI	ritup16@yahoo.com
2.	MRS. KIRAN SHARMA	kirankvbpl@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	ABHISHEK KUMAR EVANE	abhishekevne6@gmail.com	10
2.	EKTA SHRIVASTAVA		11
3.	SAHIL SAGAR TANEJA	dktaneja74@gmail.com	11
4.	LAKSHYA GOLA	dineshgola18@gmail.com	11
5.	RUCHITA KHADE		11
6.	YASHIKA		11
7.	DISHA BARODE	vishnubarode@gmail.com	11
8.	G. ALLEN		10
9.	KAVYA SHRIVASTAVA		10
10.	MANYA SHARMA		10

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	26	0	26	0	0
Playgrounds	6	0	4	2	0
Common area (e.g. reception, corridors)	14	0	10	4	0
Staffroom	2	0	1	1	0
Laboratory	6	0	6	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	2	0	1	1	0
Library	1	0	1	0	0
Toilets	25	0	19	6	0
Others	2	0	2	0	0
Total	84	0	70	14	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	300
Kitchen waste	0
Paper	10
Plastic	0
Wood, glass, metal, classroom furniture	0

E-waste	5
Biomedical waste	0
Sanitary waste	100
Construction and Demolition (C & D) waste	500
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	915

No documents uploaded by the school.

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)				

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	2	2	0
VCR or DVD players	0	0	0
Refrigerators and freezers	1	1	0
Washing machines	0	0	0
Air conditioners	6	6	0
Heaters	2	2	0
Microwaves	1	1	0
Ovens	1	1	0
Toasters	0	0	0
Electric Kettles	0	0	0

Personal computers (CPU, mouse, screen and keyboard included)	106	106	0
Laptop computer (CPU, mouse, screen and keyboard included)	1	1	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	12	12	0
Copying equipment (Photocopiers)	3	3	0
Projectors	18	18	0
Whiteboards	24	24	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	8	8	0
Fax machines	1	1	0
Telex	0	0	0
Telephones	2	2	0
Pay telephones	0	0	0
Mobiles	1	1	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 , 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

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?

TO REDUCE ENERGY CONSUMPTION. TO INCREASE PLANTATION AREA. TO INITIATE WATER HARVESTING PROCESS .

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?

No

12(a)

If no, please share your suggestions?

THIS AUDIT IS FIRST TIME.

13

Did your students enjoy doing the Water activities?

No

13(a)

If no, why?

ITE WILL BE ORGANISED SHORTLY.

Checklist of uploaded documents

1. Electricity Bill
2. Photographs of lunch boxes