



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA NO.1 DEHU
ROAD, PUNE.

Address: OLD PUNE-MUMBAI HIGHWAY, DEHU
CANTT. PUNE-412101., Pune, Pune,
Maharashtra, India

Coordinator Name: Mrs. Priya Bhagat



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 DEHU ROAD, PUNE.

2

Address

OLD PUNE-MUMBAI HIGHWAY, DEHU CANTT. PUNE-412101., Pune, Pune, Maharashtra, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 020 (NUMBER) 27671302

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9938131155

5

Principal Name

Dr. A. K. Mishra

6

GSP Coordinator Name

Mrs. Priya Bhagat

7

GSP Coordinator Email

priyabhagat_15@rediffmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 8698831976

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	856	743	1599
Teachers	39	29	68
Non-Teaching Staff	6	1	7
TOTAL	901	773	1674

4(b)

How many visitors visit your school

2000

5

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

270

6

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

Jan

7

Where is the school located?

Rural Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Mr. R. B. Gujar	Mr. R. B. Gujar
2.	Mrs. Monika Chakrvarti	moni24ch@gmail.com
3.	Mrs. Priya Bhagat	priyabhagat_15@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	Mrs. Rama Kapdi	rama.kapdi@gmail.com
2.	Mrs. Manik Surange	surange.manik@gmail.com
3.	Mrs. Mamta Yadav	bhatotia.mamta@gmail.com
4.	Mrs. Parul Yadav	parulshaswat@gmail.com
5.	Mr. G. Landge	g.landge.57@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Yash	yashvaidya40@gmail.com	12
2.	Pratik	pratikchawhan86@gmail.com	12
3.	Soniya	soniyarozario1620@gmail.com	12
4.	Pooja	poojapatil16081999@gmail.com	12
5.	Chetan	chetandabhade83@gamil.com	12
6.	Atharv	atharvapawar4@gmail.com	12
7.	Swapnil	swapnilahire220@gmail.com	12
8.	Ankur	ankuryadav1012000.ay@gmail.com	12
9.	Kundan	kundansinghkbs18@gmail.com	12
10.	Akash	akashkapoor06@gmail.com	12

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

1

How many classrooms does your school have?

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)
X A	750.00	45.00	6.00
X B	750.00	45.00	6.00
X C	750.00	45.00	6.00
XI A	750.00	45.00	6.00
XI B	750.00	45.00	6.00
XII A	750.00	45.00	6.00
XII B	750.00	45.00	6.00
IX A	750.00	45.00	6.00
IX B	750.00	45.00	6.00
IX C	750.00	45.00	6.00
TOTAL	7,500.00	450.00	

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	1000	0	0	1000
Public Bus	199	10	1	210
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	200	10	0	210
Taxi four-wheeler	0	0	0	0

Taxi three-wheeler	0	6	0	6
Personal four-wheeler	0	20	0	20
Personal two-wheeler	0	10	0	10
Bicycle	100	0	0	100
On foot	100	12	6	118
Others (non-motorised)	0	0	0	0
SUB-TOTAL	1599	68	7	1674

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?

No



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. Rama Kapdi	rama.kapdi@gmail.com
2.	Mrs. Monika Chakraborty	moni24ch@gmail.com
3.	Mrs. Parul Yadav	parulshaswat@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mrs. Uma tiwari	umatiwaripgtcs@gmail.com
2.	Mrs. Jossy Antony	jossyputhussery@gmail.com
3.	Mrs. Nisha Prashant	nisha.1041@rediffmail.com
4.	Mr. A. L. Saha	anantlalsaha@rediffmail.com
5.	Mr. G. P. Singh	gitaprasad151961@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Himanshu	himanshubhatt099@gmail.com	11
2.	Bhavesh	bhaveshsingh1212@gmail.com	10
3.	Nikhil	nikhilcr1308@gmail.com	11
4.	Priyanka	priyanka14401@gmail.com	11
5.	Radhika	radhikadhende1700@gmail.com	11
6.	Swarali	prafulla_ahir@rediffmail.com	11
7.	Devika	vijayantkay@yahoo.com	11
8.	Shipra	shiprapari18@rediffmail.com	11
9.	Gautam	gautamsaude004@gamil.com	10
10.	Soham	sohamsonawane111@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. 001.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)	05	18.00	4
Electricity from generator (diesel) (litres)	05	228.00	3
Petrol (litres)	0	0.00	0
Diesel (litres)	05	228.00	4
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	15.00	474.00	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	5	1	3
Refrigerator	0	0	3
Microwave	0	0	3
Tube Lights	160	3200	3
CFL Bulbs	10	150	3
LED Lights	0	0	3
Fans	90	0	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?

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.	Mrs. Parul Yadav	parulshashwat@gmail.com
2.	Mrs. Uma Tiwari	umatiwaripgtcs@gmail.com
3.	Mrs. Priya Bhagat	priyabhagat_15@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	Mrs. Anjali Mishra	anjalimishrakvs@gmail.com
2.	Mr. G. P. Singh	gitaprasad151961@gmail.com
3.	Mr. Landage	g.landage.57@gmail.com
4.	Mrs. Surange	surange.manik@gmail.com
5.	Mr. I. K. Tiwari	kishortiwari99@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Bhaves	bhaveshsingh1212@gmail.com	10
2.	Sughosh Pande	sughoshpandes1@gmail.com	11
3.	Sandeep Kumar Singh	jitendrakumarsingh039@gmail.com	11
4.	Piyush Mankar	piyush15mankar@gmail.com	10
5.	Utkarsh Inamdr	utkinam_10@yahoo.com	10
6.	Sandeep Bharti	sandeepyadav346.sy@gmail.com	11
7.	Tushar Sharma	ts9251772@gmail.com	11
8.	Ajit	ajitpradhan49@gmail.com	11
9.	Dheeraj	dk53333341@gmail.com	11
10.	Aditya	040ranger@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

No

2

Does your school serve midday meals?

No

2(a)

Do students bring their own lunch from home?

Yes

Supporting Documents

1. aaaaa.jpg
2. bbbb.jpg
3. bbbb.jpg
4. dddd.jpg
5. eee.jpg

2(a)(1)

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

1599.00

2(a)(2)

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

1599.00

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?

Dairy Milk chocolates

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. Priya Bhagat	priyabaghat_15@gmail.com
2.	Mr. Wawge	wawge2006@yahoo.in
3.	Mr. Ranjit Kondhare	ranjit.kondhare@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mrs. Rama Kapdi	rama.kapdi@gmail.com
2.	Mr. Awasthi	akumarawasthi@gmail.com
3.	Mr. Suryavanshi	govindsurya88@gmail.com
4.	Mrs. Uma Nagrajan	umarani27mar@gmail.com
5.	Mr. Gujar	rajugujarkvs@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Krupali Jadhav	krupalijadhav976@gmail.com	12
2.	Anjali Singh	anjalikrat@gmail.com	12
3.	Aishwarya Menon	Aishwaryamenon22@gmail.com	12
4.	Rohit singh	freshers16@gmail.com	12
5.	Anjali Sharma	anjalisharma2254@gmail.com	12
6.	jyoti thakur	tjoyti778@gmail.com	12
7.	Sanjay	sanjayk3222@yahoo.com	12
8.	madhavam swami	madhavamswami@outlook.com	9
9.	Tejas kale	pratimakale29@gmail.com	9
10.	Kunal	kunal.kv1dr64@gmail.com	9

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)	60,703
Ground coverage area	10
Green landscaped area on-ground	40,468
Surface parking area	1,011
Play area that is paved/ concrete on ground	28,328
Play area that has grass on ground	40,468
Service Area on ground	2,023
Roof and terrace area	1,005
Green cover on exposed roof & terrace	900
Total built up/constructed area	1,005
Total no. of floors	4
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	300	200	500
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. a1.jpg
2. c1.jpg
3. b1.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. Rama	rama.kapdi@gmail.com
2.	Mrs. Parul	parulshashwat@gmail.com
3.	Mrs. Mamta	bhatotia.mamta@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. Landge	g.landge.57@gmail.com
2.	Mr. suryavanshi	govindsurya88@gmail.com
3.	Mrs. Uma	umarani27mar@gmail.com
4.	Mrs. Kavita	kavitabodhi6@gmail.com
5.	Mrs. Jossy	jossyputhussery@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Krupali	krupalijadhav976@gmail.com	12
2.	anjali	anjalikrat@gmail.com	12
3.	aishwarya	aishwaryamenon22@gmail.com	12
4.	Rohit	freshers16@gmail.com	12
5.	Jyoti	tjyoti778@gmail.com	12
6.	Sanjay	sanjayk12322@yahoo.com	12
7.	Madhavan	madhavanswami@outlook.com	9
8.	Tejas	pratimakale29@gmail.com	9
9.	Kunal	kunalkv1dr64@gmail.com	9
10.	Yash	yashkv1dr64@gmail.com	9

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	2000
Toilet flushing	4000
Personal cleaning	2000
Washing clothes	500
Cooking	10
Cleaning Utensils	500
Washing Vegetables	0
Mopping floors	500
Gardening	3000
Total	12510

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

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

Surface 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

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).

100

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?

30

9 How many hand pumps do you have?

0

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

10

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

	Girls	Boys	Common	Total
Number of toilets	20	20	0	40

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

30

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

10

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

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.	Mrs. Priya Bhagat	priyabhagat_15@rediffmail.com
2.	Mrs. Uma Tiwari	umatiwaripgtcs@gmail.com
3.	Mrs. Mamta Yadav	bhatotia.mamta@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. Landge	g.landge.57@gmail.com
2.	Mr. G.P Singh	gitaprasad151961@gmail.com
3.	Mrs. Manjit	manjittlamba0808@gmail.com
4.	Mrs. Indu	indujitprasad@gmail.com
5.	Mrs. Nilima	nilima.kulkarni28@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Krupali Jadhav	krupalijadhav976@gmail.com	12
2.	Anjali Singh	anjalikrat@gmail.com	12
3.	Aishwarya Menon	Aishwaryamenon22@gmail.com	12
4.	Rohit singh	freshers16@gmail.com	12
5.	Anjali Sharma	anjalisharma2254@gmail.com	12
6.	jyoti thakur	tjoyti778@gmail.com	12
7.	Sanjay	sanjayk3222@yahoo.com	9
8.	madhavam swami	madhavamswami@outlook.com	9
9.	Pratik	pratimakale29@gmail.com	9
10.	Kunal	kunal.kv1dr64@gmail.com	9

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	2	1	1	0	0
Playgrounds	10	5	5	0	0
Common area (e.g. reception, corridors)	8	2	2	2	2
Staffroom	2	2	0	0	0
Laboratory	8	2	2	2	2
Canteen	0	0	0	0	0
Clinic/ Sick room	4	1	1	1	1
Library	4	1	1	1	1
Toilets	4	1	1	1	1
Others	4	1	1	1	1
Total	46	16	14	8	8

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	0
Paper	5
Plastic	0
Wood, glass, metal, classroom furniture	2
E-waste	0
Biomedical waste	.25

Sanitary waste	1
Construction and Demolition (C & D) waste	5
Hazardous waste	1
Total Generated Solid Waste (in kilogram)	19.25

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)				
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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?

Don't know

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	2	2	0
Refrigerators and freezers	0	0	0
Washing machines	5	5	0
Air conditioners	5	5	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)	109	109	0

Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	6	6	0
Copying equipment (Photocopiers)	2	2	0
Projectors	5	5	0
Whiteboards	5	5	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	3	3	0
Fax machines	0	0	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?

No

Task 6: School's initiatives

12

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

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?

nil

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?

400.00

Checklist of uploaded documents

1. Electricity Bill
2. Photographs of lunch boxes
3. Pictures of Green Cover
4. Pictures of landscaped area
5. Building construction plan