

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA NO 2 COLABA,

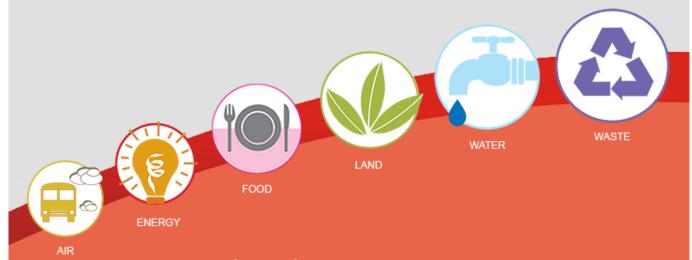
MUMBAI

Address: NEW NAVYNAGAR, COLABA, MUMBAI

400005, MAHARASHTRA, MUMBAI,

Mumbai City, Maharashtra, India

Coordinator Name: Mrs Manju Rani Rawat



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

4	Name	of the	School /	Institution
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KENDRIYA VIDYALAYA NO 2 COLABA, MUMBAI

2 Address

NEW NAVYNAGAR, COLABA, MUMBAI 400005, MAHARASHTRA, MUMBAI, Mumbai City, Maharashtra, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 022 (NUMBER) 22150831

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9869256566

5 Principal Name

Mrs Shiny George

6 GSP Coordinator Name

Mrs Manju Rani Rawat

GSP Coordinator Email

manjurawat42@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9420854321

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	846	684	1530
Teachers	22	32	54
Non-Teaching Staff	5	1	6
TOTAL	873	717	1590

4(b) How many visitors visit your school

5

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

223

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

Sep

Where is the school located?

Urban Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	MR. SANOJ KUMAR	MR. SANOJ KUMAR
2.	MRS. SHRADHA SINGH	shradha.singh@gmail.com
3.	MR. SAGAR TALE	sagartale01@gmail.com

Administrative staff

Sno.	Name	Email
1.	MRS. SHINY GEORGE	shinykv@gmail.com
2.	MR. DIWAKAR MISHRA	mishrad60@gmail.com
3.	MRS. MANJU RAWAT	manjurawat42@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	AYUSH B	Aayush.Bharti01@gmail.com	
2.	AYUSH M	Aayush05112002@gmail.com	
3.	ADITYA	SanthoshK0034@gmail.com	
4.	ANKUR	AnKursingh22990@gmail.com	
5.	ARUN	bhakarshivdan@gmail.com0	
6.	AVINASH	Avinash9588@gmail.com	
7.	CHANCHAL	Yadavchanchal16@gmail.com	
8.	DHEERAJ	Dheeraj2002singh@gmail.com	
9.	DIVYA	maniKKhadse@gmail.com	
10.	DIWAKAR	ddey433@gmail.com	

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

1 How many classrooms does your school have?

40

Window-floor ratio of classrooms in the school.

2

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	42.87	3.30	7.70
1-B	42.87	3.30	7.70
1-C	42.87	3.30	7.70
1-D	42.87	3.30	7.70
2-A	42.87	3.30	7.70
2-B	42.87	3.30	7.70
2-C	42.87	3.30	7.70
2-D	42.87	3.30	7.70
3-A	42.87	3.30	7.70
3-B	42.87	3.30	7.70
TOTAL	428.71	33.00	

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	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)	0	0	0	0
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	0	0	0	0

Personal four-wheeler	0	0	0	0
Personal two-wheeler	0	0	0	0
Bicycle	0	0	0	0
On foot	0	0	0	0
Others (non-motorised)	0	0	0	0
SUB-TOTAL	0	0	0	0

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

How many students suffer from respiratory ailments?

10

Does the school laboratory have air quality monitoring equipment?

No

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.	MR. SANOJ KUMAR	sanojKsachan@hotmail.com
2.	MRS. SHRADHA SINGH	shradha.singh@gmail.com
3.	MR. SAGAR TALE	sagartale01@gmail.com

Administrative staff

Sno.	Name	Email
1.	MRS. SHINY GEORGE	shinykv@gmail.com
2.	MR. DIWAKAR MISHRA	mishrad60@gmail.com
3.	MRS. MANJU RANI RAWAT	manjurawat42@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	PRAGYA	pragyadubey04@gmail.com	
2.	HIMANSHU	himanshugulia2003@gmail.com	
3.	HINA	Ajaysalvi82@gmail.com	
4.	HARSH	Harshraghav361@gmail.com	
5.	HARSHITA	harshita.shivupadhyay@gmail.com	
6.	ISHA	jagannathrai2@gmail.com	
7.	KUNWAR	ggajendrasingh369@gmail.com	
8.	MALA	mukeshtiwari126@gmail.com	
9.	PANKAJ	sudhakar178205@gmail.com	
10.	PAWAN	PK815870@gmail.com	

Task 2: How much energy does your school consume?



Does your school have access to an electricity bill?

Yes

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)	830	2988.00	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)	14	722.40	5
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	844.00	3710.40	

No documents uploaded by the school.

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	6	2	3
Refrigerator	2	165	5

Microwave	1	10	3
Tube Lights	240	40	0
CFL Bulbs	25	23	0
LED Lights	20	10	0
Fans	325	60	0

No documents uploaded by the school.

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

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

245

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.	MR. SANOJ KUMAR	sanojKsachan@hotmail.com
2.	MRS. SHRADHA SINGH	shradha.singh@gmail.com
3.	MR. SAGAR TALE	sagartale01@gmail.com

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2.	MR. DIWAKAR MISHRA	mishrad60@gmail.com
3.	MRS. MANJU RANI RAWAT	manjurawat42@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	PRASHANT	ajaysoni1970@gmail.com	
2.	PRATIKSHA	neelu123456M@gmail.com	
3.	ROHIT	rohitsinghkhatkar822352@gmail.com	
4.	SAHIL	sahilsinghbeniwal@gmail.com	
5.	SUNIL	Sharma.sunil12527@gmail.com	
6.	SUMIT	Sumitkumar154589@gmail.com	
7.	SAKSHI. R	Anjalisinghrajput25april@gmail.com	
8.	SHALINI	vermadileep06@gmail.com	
9.	SURBHI	mishrashyam116518@gmail.com	
10.	VINEETA	Vijaysingh1161@gmail.com	

Task 2: Find out about the food service in your school.

Does your school have a provision/space to sell packaged food items within the campus

No

Does your school serve midday meals?

No

Do students bring their own lunch from home?

Yes

No documents uploaded by the school.

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

1652.00

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

12 of 28					
Package	d/Bottled Energy Drinks	0	0	0	
No docum	nents uploaded by the school.				
4	Does your school serve tradition	onal Indian snacks?			
	No				
5	Does your school serve tradition	onal Indian beverages?			
	No				
Task 4: What kind of food does your school promote?					
6	Does the school distribute pac	kaged food items as rewards du	uring schools events	s?	
	No				
7	Does the school distribute cho	colates/similar products as refre	eshments during sch	nools events?	
	Yes				
7(a)	Please provide the names?				
	Dairy Milk, 5 Star, Cadbaries				

Are your school events such as quiz shows, talent shows, debates sponsored by food

No documents uploaded by the school.

No

companies/brands?



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	MR. SANOJ KUMAR	sanojKsachan@hotmail.com
2.	MRS. SHRADHA SINGH	shradha.singh@gmail.com
3.	MR. SAGAR TALE	sagartale01@gmail.com

Administrative staff

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2.	MR. DIWAKAR MISHRA	mishrad60@gmail.com
3.	MRS. MANJU RANI RAWAT	manjurawat42@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	TOABITHA	abithat3@gmail.com	
2.	DIVYA. K	tripathi041@gmail.com	
3.	KALPANA MAHALA	dineshmahala215925@gmail.com	
4.	NANDAN MOHINDRA	Nandanmohindra10@gmail.com	
5.	R. ABITHA	rajaleka153646@gmail.com	
6.	RISHABH PANDEY	rishabhrp7@gmail.com	
7.	RAJESH.K	singhyaswant154@gmail.com	
8.	SAPNA KUMARI	KBSapna880@gmail.com	
9.	SEJAL RAI	Snrai271@gmail.com	
10.	BAVSB.SHREEVALLI	Bhanuvalli1511@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)	17,000

Ground coverage area	2,200
Green landscaped area on-ground	3,000
Surface parking area	800
Play area that is paved/ concrete on ground	150
Play area that has grass on ground	2,050
Service Area on ground	0
Roof and terrace area	700
Green cover on exposed roof & terrace	0
Total built up/constructed area	750
Total no. of floors	4
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	20	0	20
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



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	MR. SANOJ KUMAR	sanojKsachan@hotmail.com
2.	MRS.SHRADHA SINGH	shradha.singh@gmail.com
3.	MR. SAGAR TALE	sagartale01@gmail.com

Administrative staff

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2.	MR. DIWAKAR MISHRA	mishrad60@gmial.com
3.	MRS. MANJU RANI RAWAT	manjurawat42@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	VITESH	viteshnqnaware@gmail.com	
2.	YASWANT. S	yaswants194@gmail.com	
3.	VIKASH SHARMA	vikassharma11@gmail.com	
4.	GAUTAM KANOJIYA	kanojiya.gautam@yahoo.com	
5.	MAHESH KHOBRE	maheshkhobra@yahoo.com	
6.	MRIGANK. Y	mrigank.kvnbt@gmail.com	
7.	PRADEEP	pardesipradeep@yahoo.com	
8.	ASHISH KUMAR	ashishankit123@gmail.com	
9.	TEJASHREEE KULKARNI	shrutee_s@yahoomail.com	
10.	SHINJONI	Neel9166@yahoo.co.in	

Task 2: How much water does your school use?

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	70

Toilet flushing	100
Personal cleaning	0
Washing clothes	0
Cooking	0
Cleaning Utensils	3
Washing Vegetables	0
Mopping floors	17
Gardening	45
Total	235

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

Where does the water your school uses, come from?

Surface water, Rain water

Who supplies the water in your school?

Public Health Engineering Department (PHED)

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?

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?

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

Yes

How many drinking water taps do you have?

32

How many hand pumps do you have?

0

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

24

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

	Girls	Boys	Common	Total
Number of toilets	12	12	0	24

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

60

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

1

Is 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

18(a) Please specify the fate of wastewater

Wastewater flows directly to the drains



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	MR. SANOJ KUMAR	sanojKsachan@hotmail.com
2.	MRS. SHRADHA SINGH	shradha.singh@gmail.com
3.	MR. SAGAR TALE	sagartale01@gmail.com

Administrative staff

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2.	MR. DIWAKAR MISHRA	mishrad60@gmail.com
3.	MRS. MANJU RANI RAWAT	manjurawat42@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	AMRITA SINGH	amrita3344@gmail.com	
2.	AMIT KUMAR	AmitKumardobat@gmail.com	
3.	KUMAR ANISK GAURAV	rlkumar452@gmail.com	
4.	ANUP KUMAR	15122001anupkumar@gmail.com	
5.	NIKHIL MISHRA	nikhil.R.M.321@gmail.com	
6.	PRIYA KUMARI	priyasiarone@gmail.com	
7.	PRAYAG SINGH	chaharsatvir846@gmail.com	
8.	RAHUL	jaip2331977@gmail.com	
9.	SAHIL SINGH	sahil690ra@gmail.com	
10.	SHIVAM GOSWAMI	patiramgoswami@gmail.com	

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)

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	40	0	40	0	0
Playgrounds	2	0	2	0	0
Common area (e.g. reception, corridors)	7	0	7	0	0
Staffroom	2	0	2	0	0
Laboratory	6	0	6	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	1	0	1	0	0
Library	1	0	1	0	0
Toilets	12	0	12	0	0
Others	0	0	0	0	0
Total	71	0	71	0	0

No documents uploaded by the school.

Task 3: How much waste does your school generate?

Determine the quantity of waste generated in your school. (in kilogram)

	Collection per month (Frequency may differ)
Garden/ horticulture waste	150
Kitchen waste	0
Paper	120
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0

Sanitary waste	60
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	330

No documents uploaded by the school.

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

Does your school recycle any generated waste?

Yes

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

	Quantity
Garden/ horticulture waste	150
Kitchen waste	0
Paper	120
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0
Sanitary waste	60
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total (in kilogram)	330

Does your school have a composting facility?

Yes

What is the methodology used?

Natural composting without added microbes

What is the quantity of compost that is generated per month(in kilogram)?

150.00

What is the purpose of the compost that is generated per month?

For school garden

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	✓	×	×	×
Biomedical waste (e.g. waste from Nurse's room in school, e.g. band-aids, syringe)	✓	×	×	×

Task 5: How does your school dispose waste?

What is the final destination for waste that is disposed of externally?

Designated dumping site (Dhalao)

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	2	2	0
VCR or DVD players	0	0	0
Refrigerators and freezers	2	2	0
Washing machines	0	0	0
Air conditioners	6	6	0
Heaters	0	0	0
Microwaves	1	1	0
Ovens	0	0	0
Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	93	93	0
Laptop computer (CPU, mouse, screen and keyboard included)	1	1	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	5	5	0
Copying equipment (Photocopiers)	2	2	0
Projectors	11	11	0
Whiteboards	20	20	0

Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	0	0	0
Fax machines	1	1	0
Telex	0	0	0
Telephones	2	2	0
Pay telephones	0	0	0
Mobiles	70	70	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 extracurricular activities such as guest lectures

Is the study of the environment integrated into the curriculum?

Yes



FEEDBACK

1	Has your school participated in the Green Schools Programme (GSP) Audit before?
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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?

Nothing

How would you rate the overall design of the audit?

Aspect	Good / Average /Bad	
Content	Average	
Distribution of time among tasks	Average	
Sequencing of tasks	Average	
Orientation for conducting tasks	Average	

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?
	60.00

Checklist of uploaded documents

1. Picture of School owned vehicles