



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA NO. 4 AMBALA CANTT.

Address: NEAR BSNL EXCHANGE, STAFF ROAD AMBALA CANTT., AMBALA CANTT., AMBALA, Haryana, India

Coordinator Name: SHARANJIT GILL



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. 4 AMBALA CANTT.

2

AddressNEAR BSNL EXCHANGE, STAFF ROAD AMBALA CANTT., AMBALA CANTT., AMBALA,
Haryana, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 171 (NUMBER) 2601705

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9418006821

5

Principal Name

SATISH KUMAR

6

GSP Coordinator Name

SHARANJIT GILL

7

GSP Coordinator Email

sgill1966@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9996441900

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	536	396	932
Teachers	14	26	40
Non-Teaching Staff	08	02	10
TOTAL	558	424	982

4(b)

How many visitors visit your school

20

5

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

225

6

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

Oct

7

Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	RAKESH KUMAR	RAKESH KUMAR
2.	RAJNISH SAHOTA	rsahota100@gmail.com

Administrative staff

Sno.	Name	Email
1.	SUNNY SHARMA	
2.	SARITA KUMARI	saritakvs@yahoo.com
3.	MANHOR LAL	
4.	SURESH KUMAR	

Students

Sno.	Name	Email	Grade/Class
1.	SHIVAM KUMAR	vickeyjha89299@gmail.com	9
2.	ROHIT SINGH	rohitsingh893084@gmail.com	10
3.	PRATEEK SINGH	Prateeksinghking@gmail.com	10
4.	JAGRIT BOBAL	JBobal2004@gmail.com	10

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

1 How many classrooms does your school have?

40

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 SECTION A	60.00	4.16	6.93
CLASS I SECTION B	60.00	4.16	6.93
CLASS II SECTION A	60.00	4.16	6.93

CLASS II SECTION B	60.00	4.16	6.93
CLASS III SECTION A	60.00	4.16	6.93
CLASS III SECTION B	60.00	4.16	6.93
CLASS IV SECTION A	60.00	4.16	6.93
CLASS IV SECTION B	60.00	4.16	6.93
CLASS V SECTION A	60.00	4.16	6.93
CLASS V SECTION B	60.00	4.16	6.93
TOTAL	600.00	41.60	

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
School Bus	0	0	0	0
Public Bus	50	5	0	55
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	300	0	0	300
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	150	5	0	155
Personal four-wheeler	0	6	0	6
Personal two-wheeler	32	28	6	66
Bicycle	200	0	0	200
On foot	150	0	0	150
Others (non-motorised)	50	0	0	50

SUB-TOTAL	932	44	6	982
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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. VANDNA RAJ	vandy0405@gmail.com

Administrative staff

Sno.	Name	Email
1.	MR. NIRMAL SINGH	
2.	MR. GURVAKSH	

Students

Sno.	Name	Email	Grade/Class
1.	KRISH KUMAR	kumarkrish024@gmail.com	11
2.	NITIN GUPTA	nitingupta9034@gmail.com	11
3.	KARAN BHAGHAL	praveenbhaghal@gmail.com	11
4.	PRAVEEN SINGH	ruhalps23@gmail.com	11
5.	VISHAL KUMAR	vmeena634@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 bill.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)	1200	4320.00	3
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)	5	258.00	1
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	1205.00	4578.00	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	5	0.5	3
Refrigerator	2	165	3
Microwave	3	15	3
Tube Lights	100	60	3
CFL Bulbs	50	25	3
LED Lights	10	20	3

Fans	130	220	3
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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?

320

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. POONAM	poonam121298@gmail.com

Administrative staff

Sno.	Name	Email
1.	MR. SURESH KUMAR	

Students

Sno.	Name	Email	Grade/Class
1.	TUSHAR	chiragatoz@rediffmail.com	9
2.	NEHA SHARMA	nehasharma06543@gmail.com	12
3.	PRIYA KAINTH	pkainth6@gmail.com	12
4.	SANJEEV KUMAR	san.sanjeev11@gmail.com	12
5.	PANKAJ GAUTAM	pankaj.basketbal2013@gmail.com	12

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. lunch.jpg

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

932.00

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	5	100	10
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	0	0	00
Potato fries and Burgers	0	0	10
Confectionery items (chocolate, candies, gums)	20	1000	10
Ice-cream	0	0	0
Carbonated beverages	03	100	10
Sugar sweetened noncarbonated beverages	01	50	10
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	10	100	10
Packaged/Bottled Energy Drinks	01	20	10

No documents uploaded by the school.

4 Does your school serve traditional Indian snacks?

Yes

4(a)

Please provide the details:

	Number of plates sold when on the menu
Samosas	1,500
Idli/vada and sambhar	0
Pav bhaji	0
Momos	0
Others	0

4(b)

Give descriptions for rare local snacks served in your school:?

nil

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?

No

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. VANDANA RAJ	vandy0405@gmail.com
2.	MRS. MANPREET KAUR	mkmanpreetkaur82@gmail.com

Administrative staff

Sno.	Name	Email
1.	MS. SARITA KUMARI	saritakvs@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	SAKSHI WALIA	sakshiwalia540@gmail.com	12
2.	MISHA KAPIL	kapilmisha2420@gmail.com	12
3.	PARTH MEHTA	parthm2202@gmail.com	12
4.	RAJU KUMAR SAH	rk.127129@gmail.com	12
5.	DEEPAK KUMAR UPADHYAY	upadhyaymanoj1000@gmail.com	12
6.	SHASHI BHUSHAN VERMA	shashibhushanv505@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 (m ²)	26,305
Ground coverage area	10,117
Green landscaped area on-ground	6,070
Surface parking area	0
Play area that is paved/ concrete on ground	2,023
Play area that has grass on ground	4,047
Service Area on ground	809

Roof and terrace area	10,117
Green cover on exposed roof & terrace	0
Total built up/constructed area	10,117
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	50	10	60
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. Vidyalaya Infrastructure %284%29.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	MR. RAJNISH SAHOTA	rsahota100@gmail.com
2.	MRS. POONAM	poonam121298@gmail.com

Administrative staff

Sno.	Name	Email
1.	MR. SURESH KUMAR, LAB. ASST	

Students

Sno.	Name	Email	Grade/Class
1.	AVNISH KUMAR	avnishyadav2580@gmail.com	12
2.	SHASHI BHUSHAN VERMA	shashibhushanv505@gmail.com	12
3.	ADITI KUMARI	aditiyadav211@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	700
Toilet flushing	600
Personal cleaning	50
Washing clothes	0
Cooking	0
Cleaning Utensils	3
Washing Vegetables	0
Mopping floors	20
Gardening	200

Total	1573
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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?

Surface water

3 Who supplies the water in your school?

Public Health Engineering Department (PHED)

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?	No
Any other step taken for water conservation? (if Yes, please specify)	No

Supporting Documents

1. water bottles.jpg
2. Vidyalaya Infrastructure %286%29.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).

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?

20

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	10	10	1	21

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

10

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

3

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

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?

Yes

18(a) How does your school reuse wastewater?

Gardening, Recharge Ground Water

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	MRS. ARUNA NAUTYAL	ARUNKVS16@GMAIL.COM

Administrative staff

Sno.	Name	Email
1.	MR. HARMINDER	
2.	MR. JAIPAL	

Students

Sno.	Name	Email	Grade/Class
1.	DIPTEE SHREE KAR	DKSARBANI@GMAIL.COM	11
2.	ANNU	SUNIL12338@GMAIL.COM	11
3.	NEHA PRAVIN	NAZEEMALAM5@GMAIL.COM	11
4.	PRIYANKA SHARMA	ARJUNSHASTRI5@GMAIL.COM	11

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	24	0	0	24	0
Playgrounds	4	0	0	4	0
Common area (e.g. reception, corridors)	7	0	0	7	0
Staffroom	2	0	0	2	0
Laboratory	4	0	3	1	0
Canteen	2	0	0	2	0
Clinic/ Sick room	1	0	1	0	0
Library	1	0	1	0	0
Toilets	10	0	10	0	0
Others	0	0	0	0	0
Total	55	0	15	40	0

Supporting Documents

1. FRONT SIDE.jpg
2. washroom 1.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	50
Kitchen waste	40
Paper	30
Plastic	0.5
Wood, glass, metal, classroom furniture	20
E-waste	0
Biomedical waste	.5
Sanitary waste	20

Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	161

No documents uploaded by the school.

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

4

Does your school recycle any generated waste?

Yes

4a

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

	Quantity
Garden/ horticulture waste	40
Kitchen waste	20
Paper	10
Plastic	.5
Wood, glass, metal, classroom furniture	20
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total (in kilogram)	90.5

5

Does your school have a composting facility?

Yes

No documents uploaded by the school.

5a

What is the methodology used?

Natural composting without added microbes

5b

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

50.00

5c

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

For school garden

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	3	3	0
VCR or DVD players	0	0	0
Refrigerators and freezers	2	2	0
Washing machines	0	0	0
Air conditioners	5	5	0
Heaters	5	5	0
Microwaves	0	0	0
Ovens	3	3	0
Toasters	0	0	0
Electric Kettles	1	1	0
Personal computers (CPU, mouse, screen and keyboard included)	49	49	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)	4	4	0
Projectors	4	4	0
Whiteboards	6	6	0

Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	3	3	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	3	3	0
Pay telephones	2	2	0
Mobiles	0	0	0
Answering systems	0	0	0

Supporting Documents

1. COMPUTER LAB .jpg
2. IMG_20160805_142458_HDR.jpg

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?

Yes

1(a) If yes, then in which year did your school first participate in the GSP Audit?

2015

1(b) If yes, how many times have you done the audit?

02

2 Have teachers from your school participated in teacher interactive workshops organized by the GSP team?

Yes

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?

It will be really helpful if a workshop by GSP Team is conducted at the School.

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?

Once

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?

40.00

Checklist of uploaded documents

1. Electricity Bill
2. Photographs of lunch boxes
3. Pictures of Green Cover
4. Pictures of landscaped area
5. Pictures of dustbins in classroom showing segregation at source
6. Pictures of playground with more than two dustbins
7. Pictures of Electronic items used by school and storage of non-working electronic items
8. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
9. Pictures of respective audit teams doing survey