



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA NO. 2
FARIDABAD

Address: N H IV FARIDABAD, FARIDABAD,
FARIDABAD, Haryana, India

Coordinator Name: MRS. SANGEETA SHARMA



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. 2 FARIDABAD

2

Address

N H IV FARIDABAD, FARIDABAD, FARIDABAD, Haryana, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 129 (NUMBER) 2415656

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9811490522

5

Principal Name

SEEMA SRIVASTAVA

6

GSP Coordinator Name

MRS. SANGEETA SHARMA

7

GSP Coordinator Email

sns18sharma@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9818211778

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	634	589	1223
Teachers	20	31	51
Non-Teaching Staff	7	1	8
TOTAL	661	621	1282

4(b)

How many visitors visit your school

80

5

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

290

6

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

Aug, Sep, Oct, Nov

7

Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	sangeeta sharma	sangeeta sharma
2.	ruby	rubydolly@gmail.com
3.	sunita verma	s_sunitaverma@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	kapil	kvfbd02@yahoo.co.in
2.	madhu	kvfbd02@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	yash jha	yashjyoti123@gmail.com	8
2.	nilhilesh	vngautam1969@gimal.com	8
3.	shabnam	heenakhan1124@yahoo	9
4.	prachi	kvfbd02@gamil.com	9
5.	nidhi	nidhianandkvs@gmail.com	8
6.	saksham	sharmasaksham473@gmail.com	8
7.	ishaan	chhetraswer48@gmail.com	6
8.	shurbi	katiwailsurbhi2003@gamil.com	7
9.	anirudh s	anirudhsharmag2003@gamil.com	8
10.	muskan	muskansharma20870@gmail.com	11

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

1 How many classrooms does your school have?

33

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)
I	44.20	2.30	5.20
II	44.20	2.30	5.20
III	44.20	2.30	5.20
IV	44.20	2.30	5.20
V	44.20	2.90	6.56
VI	44.20	2.90	6.56
VII	44.20	2.90	6.56
VIII	44.20	2.90	6.56
IX	44.20	2.90	6.56
X	44.20	2.90	6.56
TOTAL	442.00	26.60	

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
Schoool Bus	0	0	0	0
Public Bus	300	10	2	312
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	260	10	5	275
Taxi four-wheeler	100	5	0	105
Taxi three-wheeler	90	0	0	90

Personal four-wheeler	0	4	0	4
Personal two-wheeler	0	6	1	7
Bicycle	250	0	0	250
On foot	200	16	0	216
Others (non-motorised)	23	0	0	23
SUB-TOTAL	1223	51	8	1282

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

5

How many students suffer from respiratory ailments ?

10

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?

Yes



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Sangeeta Sharma	sns18sharma@gmail.com
2.	Ruby	rubydolly@gmail
3.	Sunita Verma	s_sunitaverma@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	kapil	kyfbd02@yahoo.co.in
2.	madhu	kyfbd02@yahoo.co.in

Students

Sno.	Name	Email	Grade/Class
1.	anirudh y	yadavhit76@gamil.com	8
2.	khushi singh	lalitkumarsingh@gamil.com	8
3.	jatinder singh	jaipalsinghkp@gmail.com	8
4.	aarti	bhspanchal@gamil.com	11
5.	kalpana	jaipalsinghkp@gmail.com	11
6.	katyayani	truelydeepak@live.com	8
7.	parikshit	parikshitsingh73@gamil.com	7
8.	yash jha	siya55552gmail.com	8
9.	nidhi anand	nidhianandkvs@gmail.com	8
10.	saksham	sharmasaksham473@gamil.com	8

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

- 20161107_125818.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)	6024	21686.40	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)	5	258.00	5
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	6029.00	21944.40	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	12	8	4
Refrigerator	0	0	3

Microwave	0	0	0
Tube Lights	150	60	5
CFL Bulbs	40	30	0
LED Lights	10	15	0
Fans	250	50	0

Supporting Documents

1. 20161027_133710.jpg

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

5

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

200

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.	s.sharma	sns18sharma@gmail.com
2.	ruby	rubydolly@gmail.com
3.	Sunita Verma	s_sunitaverma@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	kapil	kvfbd02@yahoo.co.in
2.	madhu	kvfbd02@yahoo.co.in

Students

Sno.	Name	Email	Grade/Class
1.	yash jha	yashjyoti123@gmail.com	8
2.	nikhilesh	vngautam1969@gmail.com	8
3.	nidhi	nidhianandkvs@gmail.com	8
4.	saksham	sharmasaksham4732gmail.com	8
5.	katyayani	trulleydeepak@live.com	8
6.	khushi singh	lalitkumarsingh@gmail.com	8
7.	jatinder singh	jaspalsinghkp@gmail.com	8
8.	anirudh y	yadavhit76@mail.com	8
9.	anirudh s	anirudhsharmag2003@gmail.com	8
10.	shabnam	heenakhan1124@gmail.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

Yes

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?

1100.00

2(a)(2) Of the students who bring lunch from home, how many bring packaged food?

200.00

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	20	600	2
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	3	150	2
Potato fries and Burgers	2	200	1
Confectionery items (chocolate, candies, gums)	4	1800	2
Ice-cream	0	0	0
Carbonated beverages	4	400	1
Sugar sweetened noncarbonated beverages	6	200	1
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	3	800	1

Packaged/Bottled Energy Drinks	1	20	1
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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	2
Idli/vada and sambhar	2
Pav bhaji	0
Momos	2
Others	2

4(b) Give descriptions for rare local snacks served in your school:?

gulab jamuns

5 Does your school serve traditional Indian beverages?

Yes

5(a) Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	3
Sweet lassi	0
Salted butter milk	3
Aam Panna	1
Others	0

Task 4: What kind of food does your school promote?

6

Does the school distribute packaged food items as rewards during schools events?

Yes

6(a)

Please provide details

biscuits

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

Supporting Documents

1. 20161025_093230.jpg
2. 20161025_083015.jpg



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Sangeeta Sharma	sns18sharma@gmail.com
2.	Ruby	rubydolly@gmail.com
3.	Sunita Verma	s_sunitaverma@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	kapil	kv02fbd@yahoo.co.in
2.	madhu	kv02fbd@yahoo.co.in

Students

Sno.	Name	Email	Grade/Class
1.	prachi	kvfbd02@gmail.com	9
2.	muskan	muskansharma20870@gamil.com	11
3.	aarti	bhspanchal@gmail.com	11
4.	alia	mehranjiger@gmail.com	11
5.	kalpana	jaipalsinghkp@gmail.com	11
6.	ishaan	chhetraswer48@gmail.com	6
7.	parikshit	parikshitsingh73@gamil.com	7
8.	surbhi	katiwall surbhi2003@gmail.com	7
9.	deepanshu	himdeep2009@gmail.com	8
10.	katyayani	truellydeepak@live.com	8

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)	2,000
Ground coverage area	1,200

Green landscaped area on-ground	100
Surface parking area	100
Play area that is paved/ concrete on ground	150
Play area that has grass on ground	100
Service Area on ground	50
Roof and terrace area	1,200
Green cover on exposed roof & terrace	10
Total built up/constructed area	1,800
Total no. of floors	1
Others	1

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	35	5	40
Animals	5	0	5

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. 20161107_122550.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	ruby	rubydolly@gmail.com
2.	khare	kharehridesh@gmail.com
3.	Sunita Verma	s_sunitaverma@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	kapil	kv02fbd@yahoo.co.in
2.	madhu	kv02fbd@yahoo.co.in

Students

Sno.	Name	Email	Grade/Class
1.	nidhi	nidhianandkvs@gmail.com	8
2.	saksham	sharmasaksham473@gmail.com	8
3.	anirudh s	anirudhsharmag2003@gmail.cm	8
4.	anirudh y	yadavhit76@gmail.com	8
5.	akash	kv02fbd@gamil.com	8
6.	nikhilesh	vngautam1969@gmail.com	8
7.	deepanshu	himdeep2009@gmail.com	8
8.	khushisingh	lalitkumarsingh@gmail.com	8
9.	jatinder	jaipalsinghkp@gmail.com	8
10.	kalpana	jaipalsinghkp@gmail.com	11

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	2100
Toilet flushing	500

Personal cleaning	20
Washing clothes	0
Cooking	20
Cleaning Utensils	25
Washing Vegetables	1
Mopping floors	5
Gardening	10
Total	2681

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?

Municipality, 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

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?	No

Are dual flush systems installed in the toilets?	No
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

Supporting Documents

1. IMG-20160423-WA0008.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).

200

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?

22

9 How many hand pumps do you have?

5

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

25

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

	Girls	Boys	Common	Total
Number of toilets	4	3	1	8

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

16

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

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

Used for gardening and horticulture

Supporting Documents

1. 053.jpg



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Sangeeta Sharma	sna18sharma@gmial.com
2.	ruby	rubydolly@gmail.com
3.	Sunita Verma	s_sunitaverma@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	kapil	kv02fbd@yahoo.co.in
2.	madhu	kv02fbd@yahoo.co.in

Students

Sno.	Name	Email	Grade/Class
1.	akash	kv02fbd@gmail.com	8
2.	nidhi	nidhianandkvs@gmail.com	8
3.	saksham	sharmasaksham473@gmail.com	8
4.	deepanshu	himdeep2009@gmail.com	8
5.	prachi	kvfbd02@gmail.com	9
6.	muskan	muskansharma20870@gmail.com	11
7.	alia	mehranjigar@gmail.com	11
8.	kalpana	jaipalsinghkp@gmail.com	11
9.	yashjha	siya5555@gmail.com	8
10.	anirudhyadav	yadavhit76@gmail.com	8

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. Gardener

3. Ragpicker

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	33	0	33	0	0
Playgrounds	10	3	4	1	2
Common area (e.g. reception, corridors)	3	1	1	0	1
Staffroom	3	1	1	0	1
Laboratory	2	1	1	0	0
Canteen	8	2	2	2	2
Clinic/ Sick room	5	1	1	1	2
Library	4	1	1	1	1
Toilets	4	1	1	1	1
Others	2	1	1	0	0
Total	74	12	46	6	10

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	60
Kitchen waste	3
Paper	1
Plastic	.8
Wood, glass, metal, classroom furniture	1.2

E-waste	.5
Biomedical waste	.2
Sanitary waste	2.2
Construction and Demolition (C & D) waste	1
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	69.9

Supporting Documents

1. 20161107_134327.jpg

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)				

Supporting Documents

1. 042.jpg
2. 044.jpg

Task 5: How does your school dispose waste?

8

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

Landfill Site

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	1	1	0
VCR or DVD players	2	2	0
Refrigerators and freezers	2	2	0
Washing machines	0	0	0
Air conditioners	10	9	1
Heaters	3	3	0
Microwaves	0	0	0

Ovens	3	3	0
Toasters	0	0	0
Electric Kettles	5	5	0
Personal computers (CPU, mouse, screen and keyboard included)	10	10	0
Laptop computer (CPU, mouse, screen and keyboard included)	1	1	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	10	10	0
Copying equipment (Photocopiers)	2	2	0
Projectors	30	30	0
Whiteboards	30	30	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	5	5	0
Fax machines	1	1	0
Telex	0	0	0
Telephones	6	6	0
Pay telephones	0	0	0
Mobiles	0	0	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?

Kabadiwalla/ Scrapdealer

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

Supporting Documents

1. 20161025_083015.jpg
2. 20161025_100549.jpg

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

Supporting Documents

1. 20161027_133710.jpg



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?

2

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?

vermicompost,rainwaterharvesting,saperation of waste.

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?

300.00

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 Electronic items used by school and storage of non-working electronic items
7. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
8. Pictures of respective audit teams doing survey