



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: Kendriya Vidyalaya No 2 Jalandhar Cantt

Address: Opp Topkhana Bazaar, Bhagat Road,
Jalandhar Cantt., Jalandhar, Jalandhar,
Punjab, India

Coordinator Name: SUKHVINDER KUMAR



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 Jalandhar Cantt

2

Address

Opp Topkhana Bazaar, Bhagat Road, Jalandhar Cantt., Jalandhar, Jalandhar, Punjab, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 181 (NUMBER) 2262141

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 7589301141

5

Principal Name

J D GURU

6

GSP Coordinator Name

SUKHVINDER KUMAR

7

GSP Coordinator Email

KV2JALCANTT@GMAIL.COM

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9041898654

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	774	608	1382
Teachers	11	45	56
Non-Teaching Staff	7	3	10
TOTAL	792	656	1448

4(b)

How many visitors visit your school

500

5

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

220

6

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

Sep, Oct, Nov

7

Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	MS VEENA VERMA	MS VEENA VERMA

Administrative staff

Sno.	Name	Email
1.	MS ROSY SHARMA	

Students

Sno.	Name	Email	Grade/Class
1.	SWATI MISHRA		12
2.	DAKSHITA		12
3.	CHARNVIR		12
4.	BHAVINI		11
5.	DEEPALI		11

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

1 How many classrooms does your school have?

36

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 A	43.74	12.16	27.80
II A	43.74	12.16	27.80
III C	43.74	12.16	27.80
V B	43.74	12.16	27.80
VI C	49.88	9.66	19.37

VII B	49.88	9.66	19.37
VIII A	49.88	9.66	19.37
X A	49.88	9.66	19.37
XII A	49.64	8.94	18.01
XII B	49.64	8.94	18.01
TOTAL	473.76	105.16	

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	224	0	0	224
Public Bus	13	6	3	22
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	14	0	0	14
Taxi four-wheeler	103	1	0	104
Taxi three-wheeler	542	10	0	552
Personal four-wheeler	12	12	0	24
Personal two-wheeler	168	18	2	188
Bicycle	237	0	3	240
On foot	69	9	2	80
Others (non-motorised)	0	0	0	0
SUB-TOTAL	1382	56	10	1448

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.	MR A K CHAUDHARY	akchau9@gmail.com

Administrative staff

Sno.	Name	Email
1.	MS ROSY SHARMA	

Students

Sno.	Name	Email	Grade/Class
1.	SURAJ		12
2.	SHARANJIT		12
3.	MAMTA SAINI		12
4.	GURSHIMRAN		11
5.	LOVEPREET		11

Task 2: How much energy does your school consume?

1 Does your school have access to an electricity bill?

Yes

Supporting Documents

1. ELECTRICITY BILL.PDF

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
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Electricity from the board (kwh)	1200	4320.00	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)	0	0.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	1200.00	4320.00	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	4	1.5	3
Refrigerator	3	180	3
Microwave	0	0	0
Tube Lights	600	40	0
CFL Bulbs	0	0	0
LED Lights	0	0	0
Fans	320	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?

270

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.	MS ANU BALA	kaliaanu@yahoo.com

Administrative staff

Sno.	Name	Email
1.	MS ROSY SHARMA	

Students

Sno.	Name	Email	Grade/Class
1.	ANUJ TIWARI		12
2.	DHARMSHEEL		12
3.	SAKSHI SHARMA		11
4.	RITIKA RAJ		11
5.	KESHAV KRISHANA		10

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

Supporting Documents

1. IMG-20161117-WA0039.jpg
2. IMG-20161117-WA0052.jpg
3. IMG-20161117-WA0051.jpg

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

1382.00

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	9	379	1
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	0	0	1
Potato fries and Burgers	0	0	1
Confectionery items (chocolate, candies, gums)	8	987	1
Ice-cream	0	0	1
Carbonated beverages	5	56	1
Sugar sweetened noncarbonated beverages	0	0	1
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	2	52	1
Packaged/Bottled Energy Drinks	0	0	1

Supporting Documents

1. IMG-20161117-WA0048.jpg

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?

No

8

Are your school events such as quiz shows, talent shows, debates sponsored by food companies/brands?

No

Supporting Documents

1. IMG-20161118-WA0007.jpg
2. IMG-20161118-WA0013.jpg



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	MS NEELAM SHEGAL	KANNU1998@GMAIL.COM

Administrative staff

Sno.	Name	Email
1.	MS ROSY SHARMA	

Students

Sno.	Name	Email	Grade/Class
1.	GURPREET KAUR		12
2.	MEHARPAL		12
3.	MANPREET SINGH		11
4.	ANMOL		10
5.	RICKY		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 (m2)	34,500
Ground coverage area	3,400
Green landscaped area on-ground	18,450
Surface parking area	0
Play area that is paved/ concrete on ground	1,450
Play area that has grass on ground	9,650
Service Area on ground	0
Roof and terrace area	12,500

Green cover on exposed roof & terrace	0
Total built up/constructed area	7,800
Total no. of floors	2
Others	1,300

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	47	6	53
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. IMG-20161118-WA0006.jpg
2. IMG-20161118-WA0008.jpg
3. IMG-20161118-WA0012.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	MR RAVINDER KUMAR	RAVINDERKLAL72@GMAIL.COM

Administrative staff

Sno.	Name	Email
1.	MS ROSY SHARMA	

Students

Sno.	Name	Email	Grade/Class
1.	RAJAT GUPTA		12
2.	MANI		12
3.	VIVEK		11
4.	HARSH		10
5.	HARDIK PRASHAR		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	2100
Toilet flushing	1000
Personal cleaning	500
Washing clothes	0
Cooking	0
Cleaning Utensils	0
Washing Vegetables	0
Mopping floors	100

Gardening	150
Total	3850

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

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?	No
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

Supporting Documents

1. water.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).

4995

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?

52

9

How many hand pumps do you have?

0

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

32

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

	Girls	Boys	Common	Total
Number of toilets	23	20	0	43

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

38

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

0

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?

Yes

18(a) How does your school reuse wastewater?

Gardening, Flushing, Recharge Ground Water

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Ms Harjinder Kaur	harjinder_reehal@yahoo.co.in

Administrative staff

Sno.	Name	Email
1.	Ms Rosy Sharma	

Students

Sno.	Name	Email	Grade/Class
1.	Jatin		12
2.	Rajat Gupta		12
3.	Jyotika Rana		11
4.	Palak		11
5.	Sandeep		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. Housekeeping (Sweeper)

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	36	0	36	0	0
Playgrounds	5	0	2	0	3

Common area (e.g. reception, corridors)	5	0	2	3	0
Staffroom	1	0	0	1	0
Laboratory	7	0	0	7	0
Canteen	2	0	0	2	0
Clinic/ Sick room	1	0	0	0	1
Library	1	0	0	1	0
Toilets	22	0	0	22	0
Others	0	0	0	0	0
Total	80	0	40	36	4

Supporting Documents

1. IMG-20161117-WA0053.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	60
Kitchen waste	18
Paper	19
Plastic	0
Wood, glass, metal, classroom furniture	2
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	24
Hazardous waste	0

Total Generated Solid Waste (in kilogram)

123

Supporting Documents

1. IMG-20161117-WA0041.jpg
2. IMG-20161117-WA0047.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)				
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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

Supporting Documents

1. IMG-20161117-WA0041.jpg

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	1	1	0
Refrigerators and freezers	3	3	0
Washing machines	0	0	0
Air conditioners	12	6	6
Heaters	5	5	0
Microwaves	0	0	0
Ovens	5	5	0
Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	97	67	30

Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	8	7	1
Copying equipment (Photocopiers)	6	5	1
Projectors	12	12	0
Whiteboards	5	5	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	2	2	0
Fax machines	1	1	0
Telex	0	0	0
Telephones	2	2	0
Pay telephones	0	0	0
Mobiles	0	0	0
Answering systems	0	0	0

Supporting Documents

1. IMG-20161118-WA0010.jpg
2. IMG-20161118-WA0011.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?

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 extracurricular activities such as guest lectures

14

Is the study of the environment integrated into the curriculum?

Yes

Supporting Documents

1. IMG-20161118-WA0009.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?

1

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?

e mail of the audit reports of best green schools may be submitted to all the schools for reference

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?

125.00

Checklist of uploaded documents

1. Electricity Bill
2. Photographs of lunch boxes
3. Picture of Canteen selling UPPF
4. Pictures of Green Cover
5. Picture of audit team weighing solid waste
6. Picture of types of solid waste generated
7. Pictures of Electronic items used by school and storage of non-working electronic items
8. Pictures of respective audit teams doing survey