



# GREEN SCHOOLS PROGRAMME

## Responses for Green Schools Programme Audit 2016

**School Name:** KENDRIYA VIDYALAYA NO.3  
AMRITSAR

**Address:** KENDRIYA VIDYALAYA NO.3 NEW  
CANTT, KHASA P.O NARAINGARH,  
AMRITSAR, Amritsar, Punjab, India

**Coordinator Name:** ANJU SACHDEVA



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.3 AMRITSAR

2

Address

KENDRIYA VIDYALAYA NO.3 NEW CANTT, KHASA P.O NARAINGARH, AMRITSAR,  
Amritsar, Punjab, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 0183 (NUMBER) 2476789

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9115848430

5

Principal Name

R.N. SINGH

6

GSP Coordinator Name

ANJU SACHDEVA

7

GSP Coordinator Email

anju\_42276@yahoo.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 8146555393

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	544	448	992
Teachers	7	23	30
Non-Teaching Staff	5	0	5
TOTAL	556	471	1027

4(b)

How many visitors visit your school

750

5

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

228

6

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

Aug, Sep, Oct

7

Where is the school located?

Urban Area



## AIR

### Task 1: Air Audit Team

#### Teachers

Sno.	Name	Email
1.	ANJU SACHDEVA	ANJU SACHDEVA
2.	TRIPTA SHARMA	triptakv@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	VARUN KALIA	v_kalia26@yahoo.co.in
2.	RAMESH	

#### Students

Sno.	Name	Email	Grade/Class
1.	SHRUTI		11
2.	VANSH		9
3.	SHIVA		11
4.	BHAGYALAKSHMI		10
5.	MOHIT		8
6.	VINEET		8
7.	SACHIN		9
8.	HARSHITA		9

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

1 How many classrooms does your school have?

26

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)
9 B	5,054.30	169.32	3.35
10 A	5,054.31	169.32	3.35

10 B	5,054.34	169.00	3.34
3 A	5,038.41	170.84	3.39
5 A	5,098.25	169.32	3.32
4 B	5,044.30	171.32	3.40
1 A	5,054.31	159.99	3.17
11 C	5,054.30	169.32	3.35
2 B	5,054.30	169.92	3.36
6 A	5,054.30	168.32	3.33
<b>TOTAL</b>	<b>50,561.12</b>	<b>1,686.67</b>	

### 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	617	0	0	617
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	36	0	0	36
Taxi three-wheeler	114	13	0	127
Personal four-wheeler	0	7	0	7
Personal two-wheeler	13	4	3	20
Bicycle	121	0	1	122
On foot	91	6	1	98

Others (non-motorised)	0	0	0	0
SUB-TOTAL	992	30	5	1027

### 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.	ANJU SACHDEVA	anju_42276@yahoo.com

#### Administrative staff

Sno.	Name	Email
1.	R.N. SINGH	
2.	DALJEET	

#### Students

Sno.	Name	Email	Grade/Class
1.	SAHIL		11
2.	RAMANDEEP		11
3.	ANJALI		11
4.	NEHA		11
5.	ARVIND		12

### Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

#### Supporting Documents

1. IMG\_7004.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)	4351.14	15664.10	5
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	4351.14	15664.10	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	5	1.2	3
Refrigerator	1	185	4
Microwave	0	0	0
Tube Lights	250	30	2
CFL Bulbs	15	15	2
LED Lights	0	0	0



Fans	180	80	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?

307

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.	ANJU SACHDEVA	anju_42276@yahoo.com

#### Administrative staff

Sno.	Name	Email
1.	SHARANJIT	
2.	MAHAJAN	

#### Students

Sno.	Name	Email	Grade/Class
1.	SAKSHI SINGH		11
2.	AKSHAT		10
3.	TANU		9
4.	ANURADHA		9
5.	ANKIT		8
6.	MANGAL		11
7.	SAURABH		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\_0421.JPG
2. IMG\_0418.JPG

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

815.00

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	4	500	10
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	0	0	10
Potato fries and Burgers	0	0	10
Confectionery items (chocolate, candies, gums)	13	500	10
Ice-cream	3	60	10
Carbonated beverages	4	100	10
Sugar sweetened noncarbonated beverages	2	40	10
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	1	50	10
Packaged/Bottled Energy Drinks	0	0	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	150
Idli/vada and sambhar	0
Pav bhaji	0
Momos	0
Others	2

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

NIL

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	50
Sweet lassi	0
Salted butter milk	0
Aam Panna	0
Others	140

#### 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

BEVERAGES, SALTED CHIPS, BISCUITS

7

Does the school distribute chocolates/similar products as refreshments during schools events?

Yes

7(a)

Please provide the names?

DAIRY MILK, KITKAT, MANGO SIP, BRITANIA BISCUITS

8

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

No

### Supporting Documents

1. IMG\_0438.JPG



## LAND

### Task 1: Land Audit Team

#### Teachers

Sno.	Name	Email
1.	ANJU SACHDEVA	anju_42276@yahoo.com

#### Administrative staff

Sno.	Name	Email
1.	SHIKHA	
2.	VARUN	

#### Students

Sno.	Name	Email	Grade/Class
1.	SHIVANI		11
2.	SANJUKTA		11
3.	POOJA		11
4.	PARDEEP		11
5.	GARIMA		9
6.	PREETI		11

### 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 <sup>2</sup> )	40,476
Ground coverage area	1,702
Green landscaped area on-ground	11,974
Surface parking area	1,100
Play area that is paved/ concrete on ground	747
Play area that has grass on ground	16,635
Service Area on ground	0

Roof and terrace area	1,702
Green cover on exposed roof & terrace	0
Total built up/constructed area	3,249
Total no. of floors	2
Others	8,318

### 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	115	0	115
Animals	20	0	20

### 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\_0416.JPG
2. IMG\_0409.JPG
3. IMG\_0411.JPG
4. IMG\_7007.JPG



## WATER

### Task 1: Water Audit Team

#### Teachers

Sno.	Name	Email
1.	ANJU SACHDEVA	anju_42276@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	JASPAL	
2.	RAMESH	

#### Students

Sno.	Name	Email	Grade/Class
1.	CHINMAY		11
2.	VED PRAKASH		11
3.	JASPREET		11
4.	SAGAR BISHT		11
5.	NIKHIL		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	300
Toilet flushing	500
Personal cleaning	400
Washing clothes	0
Cooking	0
Cleaning Utensils	0
Washing Vegetables	0



Mopping floors	200
Gardening	300
Total	1700

### 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

19-24 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?	No
If your school has an eco-club, do they have water component?	No
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?	No
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?	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?	Yes
Does your school use a drip or irrigation system?	No

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).

29622390994640

**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?	No

8

How many drinking water taps do you have?

3

9

How many hand pumps do you have?

0

10

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

6

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

	Girls	Boys	Common	Total
Number of toilets	20	13	0	33

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

14

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

4

14 Is there a water storage system in place to supply water in the toilets?

No

15 Is the water supply sufficient?

No

16 Are the toilets cleaned?

Yes

16(a) If yes, please specify

Once 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.	ANJU SACHDEVA	anu_42276@yahoo.com

#### Administrative staff

Sno.	Name	Email
1.	R.N. SINGH	
2.	DALJIT	
3.	KASHMIR KAUR	
4.	KIRAN	
5.	ASHOK	

#### Students

Sno.	Name	Email	Grade/Class
1.	TUSHAR TANMAY		11
2.	PRIYANSHU		10
3.	KIRTI		11
4.	ARPIT		9
5.	PRIYA		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. 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
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Classrooms	24	0	24	0	0
Playgrounds	2	0	2	0	0
Common area (e.g. reception, corridors)	1	0	0	1	0
Staffroom	1	0	1	0	0
Laboratory	3	0	3	0	0
Canteen	1	0	0	0	1
Clinic/ Sick room	1	0	0	1	0
Library	1	0	1	0	0
Toilets	4	0	4	0	0
Others	1	0	1	0	0
Total	39	0	36	2	1

### Supporting Documents

1. IMG\_0426.JPG
2. IMG\_0427.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	150
Kitchen waste	240
Paper	120
Plastic	7
Wood, glass, metal, classroom furniture	30
E-waste	0
Biomedical waste	1
Sanitary waste	15

Construction and Demolition (C & D) waste	15
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	578

### Supporting Documents

1. IMG\_0452.JPG
2. IMG\_0453.JPG
3. IMG\_0454.JPG
4. IMG\_0457.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?

Yes

### Supporting Documents

1. IMG\_0422.JPG
2. IMG\_0423.JPG

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)?

80.00

5c

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

For horticultural purposesFor school garden

6

Does your school encourage students &amp; 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?

Landfill Site

### Supporting Documents

1. IMG\_0458.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	2	2	0
Refrigerators and freezers	1	1	0
Washing machines	0	0	0
Air conditioners	4	4	0
Heaters	0	0	0
Microwaves	0	0	0
Ovens	1	1	0
Toasters	0	0	0
Electric Kettles	1	1	0
Personal computers (CPU, mouse, screen and keyboard included)	29	27	2
Laptop computer (CPU, mouse, screen and keyboard included)	1	1	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	6	6	0
Copying equipment (Photocopiers)	4	4	0
Projectors	2	2	0
Whiteboards	0	0	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	12	11	1
Fax machines	1	1	0
Telex	0	0	0
Telephones	4	4	0
Pay telephones	0	0	0
Mobiles	28	28	0



Answering systems	0	0	0
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### Supporting Documents

1. IMG\_0447.JPG
2. IMG\_0447.JPG
3. IMG\_0448.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 dealer

## 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 , As part of extracurricular activities such as guest lectures

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?

No

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?

Water Harvesting Plans, Recycling Plans, Alternative sources of Energy

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?

12.00

### Checklist of uploaded documents

1. Electricity Bill
2. Photographs of lunch boxes
3. Traditional food items sold in canteen
4. Pictures of Green Cover
5. Pictures of landscaped area
6. Building construction plan
7. Pictures of playground with more than two dustbins
8. Picture of types of solid waste generated
9. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers,etc
10. Pictures of housekeeping staff disposing different types of solid waste
11. Pictures of Electronic items used by school and storage of non-working electronic items
12. Pictures of respective audit teams doing survey