



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: VIDYA DEVI JINDAL SCHOOL
Address: DELHI ROAD, HISAR, HISAR, HISAR,
Haryana, India
Coordinator Name: DR. SANTOSH KUMAR MISHRA



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

VIDYA DEVI JINDAL SCHOOL

2

Address

DELHI ROAD, HISAR, HISAR, HISAR, Haryana, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 0 (NUMBER) 281000

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9896419601

5

Principal Name

MS. SHALINI MEHROTRA

6

GSP Coordinator Name

DR. SANTOSH KUMAR MISHRA

7

GSP Coordinator Email

santoshmishra@vdjs.edu.in

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9006313084

9

Category Of The School

Residential

10

School Shifts

Both

GENERAL QUESTIONS

1

How many levels does your school have?

Lowest level of grade:4

Highest level of grade:12

2

Is your school single gender or mixed gender?

Only girls

3

Which board of education does the school follow?

Other: 'NA'

4

Total permanent population of the school

	Male	Female	Total
Students	0	724	724
Teachers	25	48	73
Non-Teaching Staff	133	49	182
TOTAL	158	821	979

4(b)

How many visitors visit your school

400

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?

June, July, Aug, Sep, Oct

7

Where is the school located?

Rural Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	santosh kumar mishra	santosh kumar mishra
2.	Erina mehta	erinamehta@vdjs.edu.in
3.	gaurav	Gaurav@vdjs.edu.in

Administrative staff

Sno.	Name	Email
1.	sangay gupta	skgupta@vdjs.edu.in
2.	sheeltripati	pro@vdjs.edu.in
3.	Triveni lal	triveni@vdjs.edu.in
4.	Mamta Dhiman	mamta@vdjs.edu.in
5.	Satish Chaun	satish@vdjs.edu.in

Students

Sno.	Name	Email	Grade/Class
1.	Tamna Gupta	info@vdjs.edu.in	8
2.	Deshna Gupta	info@vdjs.edu.in	8
3.	Khusi Kumari	info@vdjs.edu.in	10
4.	Sanskriti	info@vdjs.edu.in	10
5.	Saru	info@vdjs.edu.in	10
6.	Minal	info@vdjs.edu.in	10
7.	Skakshi	info@vdjs.edu.in	10
8.	Alin	info@vdjs.edu.in	10
9.	Manisha Gupta	info@vdjs.edu.in	10
10.	Muskan Gupta	info@vdjs.edu.in	10

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

1 How many classrooms does your school have?

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)
IVA	2,000.00	1,900.00	95.00
VC	2,000.00	1,900.00	95.00
VIA	2,000.00	1,900.00	95.00
VIIA	2,000.00	1,900.00	95.00
VIIIA	2,000.00	1,900.00	95.00
IXA	2,000.00	1,900.00	95.00
XA	2,000.00	1,900.00	95.00
XIA	2,000.00	1,900.00	95.00
XIIA	2,000.00	1,900.00	95.00
XIIB	2,000.00	1,900.00	95.00
TOTAL	20,000.00	19,000.00	

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	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	25	25

Taxi three-wheeler	0	0	8	8
Personal four-wheeler	0	47	10	57
Personal two-wheeler	68	45	0	113
Bicycle	0	70	35	105
On foot	671	0	0	671
Others (non-motorised)	0	0	0	0
SUB-TOTAL	739	162	78	979

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?

Yes



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Sangeet Bardwaj	sangeeta@vdjs.edu.in

Administrative staff

Sno.	Name	Email
1.	SanjayGupta	skgopat@vdjs.edu.in

Students

Sno.	Name	Email	Grade/Class
1.	VasudhraPhangal	vasudhra@vdjs.edu.in	12

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

No

No documents uploaded by the school.

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)	25214	90770.40	1,2,3,4
Electricity from generator (diesel) (litres)	2087	95167.20	4
Petrol (litres)	3000	140100.00	0

Diesel (litres)	300	13680.00	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)	400	1440.00	1,2,3
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	21400	1104240.00	4
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	52401.00	1445397.60	

Supporting Documents

1. img378.jpg
2. img379.jpg

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	12	20	2
Refrigerator	7	200	4
Microwave	5	19	4
Tube Lights	178	272	3
CFL Bulbs	126	200	2
LED Lights	0	0	0
Fans	176	200	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?

250

6

Are there any alternate sources of energy employed/ installed in your school?

Yes

6(a)

Name the alternate sources of energy employed/ installed in your school?

Solar

Supporting Documents

1. _MG_7143.JPG



FOOD

Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	Sajia	sajia@vdjs.edu.in

Administrative staff

Sno.	Name	Email
1.	Mr Abhishek	abhishek222@vdjs.edu.in

Students

Sno.	Name	Email	Grade/Class
1.	Mahima	info@vdjs.edu.in	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

Yes

2

Does your school serve midday meals?

No

2(a)

Do students bring their own lunch from home?

No

No documents uploaded by the school.

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	3	300	2
Instant Noodles like Knorr, Cup-a-noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	0	0	3
Potato fries and Burgers	1	2000	3
Confectionery items (chocolate, candies, gums)	2	2000	3
Ice-cream	3	2500	2
Carbonated beverages	2	2300	2
Sugar sweetened noncarbonated beverages	0	0	0
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	0	0
Packaged/Bottled Energy Drinks	0	0	0

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	725
Idli/vada and sambhar	725
Pav bhaji	725
Momos	725
Others	725

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

We serve rare snacks like steamed bitter gourd

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	750
Sweet lassi	750
Salted butter milk	750
Aam Panna	750
Others	750

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?

Yes

7(a)

Please provide the names?

Spring roll patteis fried paddy

8

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

No

Supporting Documents

1. _MG_7405.JPG



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Santosh Kumar Mishra	santoshmishra@vdjs.edu.in
2.	Gaurav Kumar	gaurav@vdjs.edu.in
3.	Neelam Shrama	neelam@vdjs.edu.in

Administrative staff

Sno.	Name	Email
1.	Sanjay Gupta	skgupta@vdjs.edu.in
2.	Triveni Lal	treveni@vdjs.edu.in
3.	Suman Sharam	suman@vdjs.edu.in
4.	seema Singh	seemasingh@vdjs.edu.in
5.	Neelam P Sharma	neelam.sahram@vdjs.edu.in

Students

Sno.	Name	Email	Grade/Class
1.	Vamika Singh	info@vdjs.edu.in	11
2.	Samiska	info@vdjs.edu.in	11
3.	Astha	info@vdjs.edu.in	9
4.	Garima	info@vdjs.edu.in	9
5.	Hitam	info@vdjs.edu.in	9
6.	Avni	info@vdjs.edu.in	9
7.	saru	info@vdjs.edu.in	9
8.	Adthi	info@vdjs.edu.in	10
9.	Deyani Soni	infor@vdjs.edu.in	10
10.	Madhulika	info@vdjs.edu.in	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)	3,000
Ground coverage area	2,578
Green landscaped area on-ground	2,194
Surface parking area	200
Play area that is paved/ concrete on ground	100
Play area that has grass on ground	964
Service Area on ground	1,000
Roof and terrace area	1,000
Green cover on exposed roof & terrace	200
Total built up/constructed area	7,626
Total no. of floors	2
Others	200

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	100	26	126
Animals	551	1	552

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. _MG_7148.JPG
2. _MG_7151.JPG
3. _MG_7391.JPG
4. _MG_7392.JPG

5. _MG_7396.JPG



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Santosh Kumar Mishra	santoshmishra@vdjs.edu.in

Administrative staff

Sno.	Name	Email
1.	Sanjay gupta	sk gupta@vdjs.edu.in

Students

Sno.	Name	Email	Grade/Class
1.	vamikasingh	info@vdjs.edu.in	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	1000
Toilet flushing	570
Personal cleaning	300
Washing clothes	400
Cooking	200
Cleaning Utensils	100
Washing Vegetables	100
Mopping floors	170
Gardening	400
Total	3240

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, Rain 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

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?	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?	No
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?

6

Do you have Rainwater harvesting (RWH) system in your school?

Yes

6(a)

Does your school harvest different catchments?.

Yes

6(a)(1)

Which is the catchment area being harvested by your school?

Rooftop + Paved

6(b)

How does your school harvest rainwater?

Combination of both

6(b)(1)

If your school only stores rainwater, please select the use of stored rainwater.

Gardening, Swimming Pool

6(b)(2)

Does your school have rainwater storage tank?

Yes

6(b)(2)(a)

Total capacity of storage tank (litres)

1500000.00

6(b)(2)(b)

Total number of storage tanks

2.00

6(b)(2)(c)

Location of tanks:

Underground + Over-ground

6(b)(2)(d)

Material options for tanks

PVC

6(c)

How much area in your school is harvested?

31 to 40 per cent

6(d)

Please select (from the list given below) the rainwater harvesting structures present in your school

Storage tank

6(e) Rate your catchment on cleanliness:

Good

No documents uploaded by the school.

6(f) Does your school clean your catchment and system (structure?)?

Yes

6(f)(1) Please specify when does your school clean the catchment and RWH system?

Pre-monsoon

6(g) Does your school monitor the rainwater harvesting structure for its efficiency?

Yes

6(g)(1) Please specify when does your school monitor the groundwater level?

Pre-monsoon

6(h) What is the trend of groundwater level in your school across the year?

If there was a decrease, please specify

6(h)(1) Please specify how much was the decrease?

More than 5 metres annually

6(i) If your school's RWH structure is more than a year old, is there any improvement in the groundwater quality after the implementation of the RWH structure?

Yes

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?

30

9 How many hand pumps do you have?

0

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

40

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

	Girls	Boys	Common	Total
Number of toilets	7	7	0	14

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

7

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?

Yes

15 Is the water supply sufficient?

Yes

16 Are the toilets cleaned?

Yes

16(a) If yes, please specify

Task 7: Does your school reuse/recycle waste water?

17

Does your school treat wastewater?

Yes

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.	santosh kumar Mishra	santoshmishra@vdjs.edu.in

Administrative staff

Sno.	Name	Email
1.	Sanjay Gupta	skgupta@vdjs.edu.in

Students

Sno.	Name	Email	Grade/Class
1.	Nhikarika	info@vdjs.edu.in	12

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 Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	32	22	6	2	2
Playgrounds	32	10	9	9	4
Common area (e.g. reception, corridors)	25	10	5	5	5
Staffroom	16	5	3	4	4
Laboratory	19	7	4	4	4

Canteen	19	10	4	3	2
Clinic/ Sick room	20	12	4	2	2
Library	6	4	2	0	0
Toilets	17	10	3	2	2
Others	0	0	0	0	0
Total	186	90	40	31	25

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	30
Kitchen waste	500
Paper	30
Plastic	10
Wood, glass, metal, classroom furniture	35
E-waste	20
Biomedical waste	100
Sanitary waste	68
Construction and Demolition (C & D) waste	230
Hazardous waste	20
Total Generated Solid Waste (in kilogram)	1043

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	0
Kitchen waste	505
Paper	100
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	300
Hazardous waste	787
Total (in kilogram)	1692

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)	✓	✗	✗	✗

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	25	25	0
VCR or DVD players	0	0	0
Refrigerators and freezers	17	17	0

Washing machines	7	7	0
Air conditioners	15	15	0
Heaters	15	15	0
Microwaves	7	7	0
Ovens	12	12	0
Toasters	4	4	0
Electric Kettles	5	5	0
Personal computers (CPU, mouse, screen and keyboard included)	100	100	0
Laptop computer (CPU, mouse, screen and keyboard included)	200	200	0
Notebook computers	100	100	0
Notepad computers	0	0	0
Printers	10	10	0
Copying equipment (Photocopiers)	5	5	0
Projectors	40	40	0
Whiteboards	34	34	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	0	0	0
Fax machines	4	4	0
Telex	0	0	0
Telephones	10	10	0
Pay telephones	8	8	0
Mobiles	1000	1000	0
Answering systems	2	2	0

No documents uploaded by the school.

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 the curriculum

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?

2

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?

To detail more on the uploading of pictures

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?

50.00

Checklist of uploaded documents

1. PUC certificates of not more than five buses
2. Picture of Air Quality Monitoring equipment of school
3. Fuel Bills
4. Picture of School owned vehicles
5. Electricity Bill
6. Picture of Renewable sources of Energy
7. Picture of Mid-day meal being served
8. Photographs of lunch boxes
9. Picture of Canteen selling UPPF
10. Traditional food items sold in canteen
11. Pictures of Events sponsored by UPPF companies
12. Pictures of Green Cover
13. Pictures of landscaped area
14. Building construction plan
15. Pictures of bio-pesticides
16. Pictures of dustbins in classroom showing segregation at source
17. Pictures of playground with more than two dustbins
18. Picture of audit team weighing solid waste
19. Picture of types of solid waste generated

20. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers,etc
21. Pictures of housekeeping staff disposing different types of solid waste
22. Pictures of burning waste
23. Pictures of Electronic items used by school and storage of non-working electronic items
24. Certificate of disposing e-waste from authorised dealer/dismantler
25. Waste Policy
26. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
27. Pictures of respective audit teams doing survey