

# Responses for Green Schools Programme Audit 2016

School Name: SLSDAV PUBLIC SCHOOL

Address: SLSDAV PUBLIC SCHOOL, MAUSAM

VIHAR, DELHI, DELHI, Delhi, India

Coordinator Name: MS PRATIBHA SHARMA, MS PAYAL

AHUJA



## 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**

Name of the School / Institu	tion
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SLSDAV PUBLIC SCHOOL

2 Address

SLSDAV PUBLIC SCHOOL, MAUSAM VIHAR, DELHI, DELHI, Delhi, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 011 (NUMBER) 22531745

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9810515933

5 Principal Name

Ms. VANDANA KAPOOR

6 GSP Coordinator Name

MS PRATIBHA SHARMA ,MS PAYAL AHUJA

GSP Coordinator Email

pratibha28may@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9810454524

Category Of The School

Day Scholar

School Shifts

Morning

# **GENERAL QUESTIONS**

How many levels does your school have?

Lowest level of grade:1 Highest level of grade:12

ls your school single gender or mixed gender?

Mixed/Co-education

Which board of education does the school follow?

Central Board of Secondary Education

Total permanent population of the school

	Male	Female	Total
Students	1781	1321	3102
Teachers	05	124	129
Non-Teaching Staff	18	07	25
TOTAL	1804	1452	3256

4(b) How many visitors visit your school

50

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?

Oct

Where is the school located?

Urban Area



## Task 1: Air Audit Team

### **Teachers**

Sno.	Name	Email
1.	MS. PRATIBHA SHARMA	MS. PRATIBHA SHARMA
2.	MS.PAYAL AHUJA	payalahuja75@yahoo.in

### **Administrative staff**

Sno.	Name	Email
1.	MR.VIJAY SHARMA	
2.	MR. YOGESH KUMAR	
3.	MR. RAJE SINGH	
4.	MR. KANAHIYA MISHRA	
5.	MR. KANISH	

#### **Students**

Sno.	Name	Email	Grade/Class
1.	ANJALI SHARMA		12
2.	FAIZ ZAIDI		12
3.	GEETAKSHI KAPOOR		12
4.	IQRAR AHMED		12
5.	BHAVYA JAIN		12
6.	RISHABH ARORA		12
7.	SHIVAM GUPTA		12
8.	SHUBHAM GAUR		12
9.	ARUSHI SHUKLA		12
10.	KRITI SETH		12

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

1

How many classrooms does your school have?

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)
12-A	440.00	54.50	12.39
12-B	440.00	54.50	12.39
10-A	440.00	54.50	12.39
10-B	440.00	54.50	12.39
8-A	360.00	46.10	12.81
7-A	360.00	46.10	12.81
4-A	380.00	46.10	12.13
3-A	380.00	46.10	12.13
Pre-primary-A	440.00	54.50	12.39
Pre-primary-B	440.00	54.50	12.39
TOTAL	4,120.00	511.40	

## Task 3: How eco-friendly are the vehicles in your school?

What is the ownership used by the vehicles used in your school? Please choose what is applicable?

A combination of school-owned and operator-owned vehicles

Provide details of school-owned motorized vehicles .

	Buses	Cars	Vans	Others	Total
No. of vehicles	2	0	1	0	3
No. of vehicles more than five years old	0	0	1	0	1
Air conditioned	0	0	1	0	1
No. of vehicles with PUC done	2	0	1	0	3
Parking area (m2)	100	0	40	0	140

3(b) Specify the type of fuel used by your school vehicles:

	Diesel	Petrol	LPG	CNG	Electric	Hybrid
Bus	2	0	0	0	0	0
Car	0	0	0	0	0	0
Van	0	0	0	1	0	0
Other vehicles	0	0	0	0	0	0
SUB-TOTAL	2	0	0	1	0	0

No documents uploaded by the school.

Task 4: How do you travel to school every day?

How many members of the school community use each type of transport:

	Students	Teaching Staff	Non Teaching Staff	Total
Schoool Bus	80	2	2	84
Public Bus	360	12	6	378
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	254	23	10	287
Taxi four-wheeler	335	20	0	355
Taxi three-wheeler	10	6	0	16
Personal four-wheeler	0	15	2	17
Personal two-wheeler	0	10	1	11
Bicycle	163	0	2	165
On foot	1850	37	2	1889
Others (non-motorised)	50	4	0	54

SUB-TOTAL 3102 129 25 3256

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

How many students suffer from respiratory ailments?

0

Does the school laboratory have air quality monitoring equipment?

No

No documents uploaded by the school.

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.	MS. PRATIBHA SHARMA	pratibhasharma28may@gmail.com

### Administrative staff

Sno.	Name	Email
1.	MR.VIJAY SHARMA	
2.	MR.RAJE SINGH	
3.	MR.YOGEH KUMAR	
4.	MR.KANAHIYA MISHRA	
5.	MR KANISH	

#### **Students**

Sno.	Name	Email	Grade/Class
1.	ANJALI SHARMA		12
2.	IQRAR AHMED		12
3.	FAIZ ZAIDI		12
4.	RISHABH ARORA		12
5.	RISHABH RAWAT		12
6.	SHIVAM GUPTA		12
7.	SHUBHAM GAUR		12
8.	GEETAKSHI KAPOOR		12
9.	BHAVYA JAIN		12
10.	ARUSHI SHUKLA		12

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

1

Does your school have access to an electricity bill?

Yes

No documents uploaded by the school.

### Does your school have its own vehicles?

Yes

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)	10712	38563.20	5
Electricity from generator (diesel) (litres)	80	3648.00	3
Petrol (litres)	0	0.00	0
Diesel (litres)	200	9120.00	1
CNG (kilogrammes)	324	16977.60	2
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)	48	172.80	4
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	0	0.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	11364.00	68481.60	

No documents uploaded by the school.

### What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	15	1.5	3
Refrigerator	3	165	3

Microwave	2	28	2
Tube Lights	444	40	0
CFL Bulbs	77	15	0
LED Lights	0	0	0
Fans	444	75	0

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



160

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

Yes

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

Solar

### **Supporting Documents**

1. 20161117\_134008\_resized.jpg



### **Task 1: Food Audit Team**

#### **Teachers**

Sno.	Name	Email
1.	PRATIBHA SHARMA	pratibha28may@gmail.com
2.	PAYAL AHUJA	payalahuja75@yahoo.in

### **Administrative staff**

Sno.	Name	Email
1.	MR. VIJAY SHARMA	
2.	MR.YOGESH KUMAR	
3.	MR. RAJE SINGH	
4.	MR. KANAHIYA MISHRA	
5.	MR.KANISH	

#### **Students**

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6.	RISHABH ARORA		12
7.	RISHABH RAWAT		12
8.	SHUBHAM GAUR		12
9.	KRITI SETH		12
10.	BHAVYA JAIN		12

# Task 2: Find out about the food service in your school.

Does your school have a provision/space to sell packaged food items within the campus

Yes

Does your school serve midday meals?

No

2(a)

Do students bring their own lunch from home?

Yes

No documents uploaded by the school.

How many students out of total student population bring home-made lunch?

3052.00

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

25.00

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

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	7	538	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)	5	1738	10
Ice-cream	15	3200	10
Carbonated beverages	0	0	10
Sugar sweetened noncarbonated beverages	0	0	10

Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	12	4625	10
Packaged/Bottled Energy Drinks	0	0	10

### **Supporting Documents**

- 1. Doc1.docx
- 2. Doc1.docx
  - Does your school serve traditional Indian snacks?

No

Does your school serve traditional Indian beverages?

Yes

5(a) Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	11
Sweet lassi	29
Salted butter milk	100
Aam Panna	0
Others	0

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

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

Yes

6(a) Please provide details

chips, ice cream

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

Yes

Please provide the names?

chips, ice cream

8

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

No

No documents uploaded by the school.



## **Task 1: Land Audit Team**

### Teachers

Sno.	Name	Email
1.	MS. PRATIBHA SHARMA	pratibha28may@gmail.com

### **Administrative staff**

Sno.	Name	Email
1.	MR. VIJAY SHARMA	
2.	MR. RAJE SINGH	
3.	MR. KANAHIYA	
4.	MR. YOGESH KUMAR	
5.	MR.KAVISH	

### **Students**

Sno.	Name	Email	Grade/Class
1.	ANJALI SHARMA		12
2.	IQRAR AHMED		12
3.	RISHABH ARORA		12
4.	RISHABH RAWAT		12
5.	FAIZ ZAIDI		12
6.	GEETAKSHI KAPOOR		12
7.	BHAVYA JAIN		12
8.	KRITI SETH		12
9.	SHIVAM GUPTA		12
10.	SHUBHAM GAUR		12

# Task 2: Measure the four critical areas of your school campus

Complete the table:

	Your school's area
Site area in square meter (m2)	7,081

Ground coverage area	2,309
Green landscaped area on-ground	931
Surface parking area	140
Play area that is paved/ concrete on ground	500
Play area that has grass on ground	425
Service Area on ground	200
Roof and terrace area	0
Green cover on exposed roof & terrace	0
Total built up/constructed area	6,929
Total no. of floors	3
Others	0

## Task 3: Explore the number of species of plants and animals in your school

How many species of plants and animals exist in your school?

	Native	Exotic	Total
Plants	314	0	314
Animals	0	0	0

## Task 4: Find out if your school uses pesticides

Do you use chemical based pesticides in your school green cover?

No

### **Supporting Documents**

- 1. Doc1.docx
- 2. Doc1.docx
- 3. Doc1.docx
- 4. Doc1.docx



# WATER

## **Task 1: Water Audit Team**

### **Teachers**

Sno.	Name	Email
1.	Pratibha sharma	pratibha28may@gmail.com
2.	Payal ahuja	payalahuja75@yahoo.in

### **Administrative staff**

Sno.	Name	Email
1.	Kavish	
2.	Raje Singh	
3.	kanahiya Mishra	
4.	Vijay Sharma	
5.	Yogesh Kumar	

### **Students**

Sno.	Name	Email	Grade/Class
1.	Aditya Bhardwaj		9
2.	Manya Grover		9
3.	Kartikey Bhatia		9
4.	Anantyash dixit		9
5.	Priyal jain		9
6.	Manya Gupta		10
7.	Archi aggarwal		10
8.	Naman jain		9
9.	Maanik kapoor		9
10.	Aryansh		9

# Task 2: How much water does your school use?

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	18000

Toilet flushing	21680
Personal cleaning	10000
Washing clothes	00
Cooking	20
Cleaning Utensils	4
Washing Vegetables	00
Mopping floors	4000
Gardening	5000
Total	58704

## Task 3: What are the sources, supply and storage of water in your school

Where does the water your school uses, come from?

Ground water, Rain water

Who supplies the water in your school?

Municipality, School's own supply (bore well, rainwater harvesting facility, etc)

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?

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

### **Supporting Documents**

- 1. IMG-20161112-WA0009.jpg
- 2. IMG-20161112-WA0004.jpg
- 3. IMG-20161112-WA0003.jpg
- 4. IMG-20161112-WA0009.jpg

## Task 5: Does your school harvest rainwater?

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

6(b) How does your school harvest rainwater?

By recharging groundwater

6(b)(1) Does your school have groundwater recharge structure?

No

6(c) How much area in your school is harvested?

21 to 30 per cent

Storage tank

Rate your catchment on cleanliness:

Good

No documents uploaded by the school.

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

Yes

Please specify when does your school clean the catchment and RWH system?

Pre-monsoon

Does your school monitor the rainwater harvesting structure for its efficiency?

Yes

Please specify when does your school monitor the groundwater level?

Do not follow any such pattern

What is the trend of groundwater level in your school across the year?

No change

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?

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

How many drinking water taps do you have?

34

9 How many hand pumps do you have?

0

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

43

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

	Girls	Boys	Common	Total
Number of toilets	22	39	0	61

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

26

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

3

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

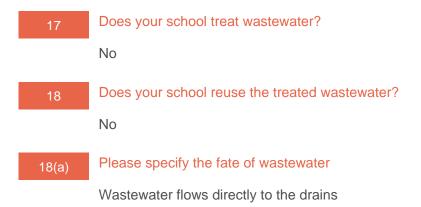
Yes

ls the water supply sufficient?

Yes



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



No documents uploaded by the school.



### **Task 1: Waste Audit Team**

#### **Teachers**

Sı	10.	Name	Email
1.		PRATIBHA SHARMA	pratibha28may@gmail.com

### **Administrative staff**

Sno.	Name	Email
1.	VIJAY SHARMA	
2.	YOGESH KUMAR	
3.	KANAHIYA	
4.	RAJE SINGH	
5.	KANISHK	

### **Students**

Sno.	Name	Email	Grade/Class
1.	ANJALI SHARMA		12
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6.	GEETAKSHI KAPOOR		12
7.	BHAVYA JAIN		12
8.	ARUSHI		12
9.	KRITI SETH		12
10.	RISHABH ARORA		12

## Task 2: What is the waste segregation system in your school?

Does your school segregate solid waste?

Yes

Who segregates the waste at source?

1. Housekeeping (Sweeper)

### Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	70	0	70	0	0
Playgrounds	2	0	0	0	2
Common area (e.g. reception, corridors)	2	0	0	0	2
Staffroom	5	0	5	0	0
Laboratory	10	0	10	0	0
Canteen	1	0	1	0	0
Clinic/ Sick room	2	0	2	0	0
Library	2	0	2	0	0
Toilets	20	0	20	0	0
Others	2	2	0	0	0
Total	116	2	110	0	4

## **Supporting Documents**

- 1. Doc1.docx
- 2. Doc1.docx
- 3. Doc1.docx

## Task 3: How much waste does your school generate?

Determine the quantity of waste generated in your school. (in kilogram)

	Collection per month (Frequency may differ)
Garden/ horticulture waste	20
Kitchen waste	5
Paper	50
Plastic	5

Wood, glass, metal, classroom furniture	1
E-waste	0.5
Biomedical waste	0
Sanitary waste	5
Construction and Demolition (C & D) waste	4
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	90.5

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

Does your school recycle any generated waste?

No

Does your school have a composting facility?

No

Does your school encourage students & teachers to reuse textbooks?

Yes

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	×	×	×	<b>✓</b>
E-waste (e.g. broken, unusable computers)	×	✓	×	×

Hazardous waste (e.g. diesel fuel, battery)	×	<b>✓</b>	×	×
Wood,glass, metal scrap, other scrap	~	×	×	×
Biomedical waste (e.g. waste from Nurse's room in school, e.g. band-aids, syringe)	×	×	~	×

## Task 5: How does your school dispose waste?

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

Designated dumping site (Dhalao)

No documents uploaded by the school.

Does your school burn waste?

No

Does your school have the following? If yes, please give the numbers.

	Total	Working conditions	Non-working condition
TVs	5	5	0
VCR or DVD players	0	0	0
Refrigerators and freezers	3	3	0
Washing machines	0	0	0
Air conditioners	15	15	0
Heaters	1	01	0
Microwaves	2	2	0
Ovens	4	4	0
Toasters	0	0	0

Electric Kettles	5	5	0
Personal computers (CPU, mouse, screen and keyboard included)	0		0
Laptop computer (CPU, mouse, screen and keyboard included)	2	2	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	12	11	1
Copying equipment (Photocopiers)	2	2	0
Projectors	31	31	0
Whiteboards	5	5	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	5	5	0
Fax machines	2	2	0
Telex	0	0	0
Telephones	10	10	0
Pay telephones	4	4	0
Mobiles	0	0	0
Answering systems	6	6	0

Do you know that

Do you know that your E-waste can be collected by an authorised dealer or dismantler?

No

### Task 6: School's initiatives

Does the school have a policy on waste?

No

Are there awareness drives with regard to Reduce, Recycle and Reuse?

Yes

What form do these awareness drives take?

As part of extracurricular activities such as guest lectures

Is the study of the environment integrated into the curriculum?

Yes

No documents uploaded by the school.



### **FEEDBACK**

No

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

Yes

Did you find the online information relevant to your environmental education activities?

Yes

Was the audit easy-to-understand and self-explanatory?

Yes

Did you understand the present format of the GSP?

Yes

Do you think your school will be a Green School (resource efficient) by 2019?

Yes

What would be the help required to make your school a Green School?

we are trying to implement solar panels at most of the places in school in order to reduce electricity consumption of the school but these panels costs very high please help us in this direction.

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

Would your school like to recommend any topic/s that you strongly feel should be added or deleted in the audit?

No

Could you finish all the tasks in given period of time online?

Yes

How many times did you contact the Green Schools Programme Team for guidance and counseling?

Twice

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

Did your students enjoy doing the Water activities?

Yes

How many students were involved in the activities?

10.00

#### **Checklist of uploaded documents**

- 1. Picture of School owned vehicles
- 2. Picture of Renewable sources of Energy
- 3. Picture of Canteen selling UPPF
- 4. Pictures of Green Cover
- 5. Pictures of landscaped area
- 6. Pictures of dustbins in classroom showing segregation at source
- 7. Pictures of playground with more than two dustbins
- 8. Picture of types of solid waste generated
- 9. Pictures of Electronic items used by school and storage of non-working electronic items
- 10. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
- 11. Pictures of respective audit teams doing survey