

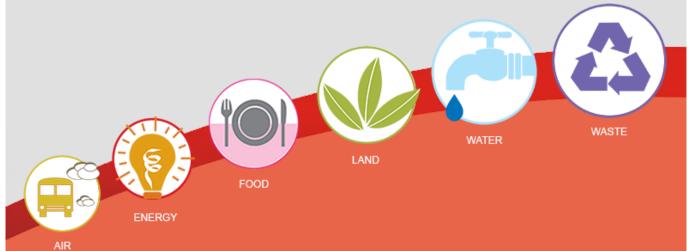
Responses for Green Schools Programme Audit 2016

School Name: Doaba Public School

Address: Vill. Parowal, Tehsil Garhshankar,

Garhshakar, Hoshiarpur, Punjab, India

Coordinator Name: Navreet Rai



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
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Doaba Public School

2 Address

Vill. Parowal, Tehsil Garhshankar, Garhshakar, Hoshiarpur, Punjab, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 1884 (NUMBER) 282205

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9914266205

5 Principal Name

Harpreet Kaur

6 GSP Coordinator Name

Navreet Rai

GSP Coordinator Email

navreetd@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9779918088

9 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	1459	988	2447
Teachers	14	63	77
Non-Teaching Staff	72	30	102
TOTAL	1545	1081	2626

4(b) How many visitors visit your school

350

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

220

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

Oct, Nov

Where is the school located?

Rural Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. Sonia Dhalla	Mrs. Sonia Dhalla
2.	Ms. Sukhjinder Kaur	sukhjinder2310@gmail.com
3.	Ms. Pushpa Rani	pushpakhuttan@yahoo.com

Administrative staff

Sno.	Name	Email
1.	Mr. Sumit Verma	dps_parowal@yahoo.co.in

Students

Sno.	Name	Email	Grade/Class
1.	Amandeep Kaur		10
2.	Harpreet Kaur		9
3.	Kirandeep Kaur		9
4.	Shivani		12
5.	Pancham		12
6.	Novedeep Jurh		10
7.	Khushi		10

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

How many classrooms does your school have?

66

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)
1 A3	38.50	8.00	20.78
2 A2	54.00	10.75	19.91

7 A2	54.00	9.00	16.67
8 A3	38.50	8.00	20.78
9 A1	38.50	8.00	20.78
10 A1	42.00	8.00	19.05
11 Comm A1	42.00	8.00	19.05
11 Comm A2	42.00	8.00	19.05
12 Medical	42.00	8.00	19.05
12 Non Medical	42.00	8.00	19.05
TOTAL	433.50	83.75	

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?

School-owned vehicles

Provide details of school-owned motorized vehicles .

	Buses	Cars	Vans	Others	Total
No. of vehicles	25	1	0	1	27
No. of vehicles more than five years old	18	0	0	0	18
Air conditioned	0	1	0	0	1
No. of vehicles with PUC done	26	1	0	1	28
Parking area (m2)	2237	25	0	0	2262

Supporting Documents

- 1. BUS PUC1.jpg
- 2. BUS PUC2.jpg
- 3. Car PUC.jpg



Specify the type of fuel used by your school vehicles:

	Diesel	Petrol	LPG	CNG	Electric	Hybrid
Bus	25	0	0	0	0	0
Car	0	1	0	0	0	0
Van	0	0	0	0	0	0
Other vehicles	0	1	0	0	0	0
SUB-TOTAL	25	2	0	0	0	0

Supporting Documents

- 1. Buses1.jpg
- 2. Buses2.jpg
- 3. School Activa.jpg
- 4. School Car.jpg
- 5. Fuel Bill.jpg

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	1985	25	5	2015
Public Bus	30	27	5	62
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	0	0
Taxi three-wheeler	0	0	0	0
Personal four-wheeler	117	8	4	129
Personal two-wheeler	153	38	33	224
Bicycle	40	0	19	59

On foot	122	5	10	137
Others (non-motorised)	0	0	0	0
SUB-TOTAL	2447	103	76	2626

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

How many students suffer from respiratory ailments?

3

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

6(a)



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. Echha Purnima	echhapurnimadps@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mrs. Sonia Dhir	pa.principal.dps@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Harpreet Kaur		9
2.	Amandeep Kaur		10
3.	Gulshan		10
4.	Neha Chaudhary		10
5.	Gaganpreet		10

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. Elec Bill.pdf

Does your school have its own vehicles?

Yes

Provide the details of total energy consumed by the school

Quantity consumed/monthly average

Energy consumed in Megajoules (MJ)

Type of

Electricity from the board (kwh)	12600	45360.00	1
Electricity from generator (diesel) (litres)	430	19608.00	1
Petrol (litres)	110	5137.00	4
Diesel (litres)	4851	221205.60	4
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)	13	670.80	3
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	18004.00	291981.40	

- 1. electricity bill.jpg
- 2. Fuel Bill.jpg

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	93	1.5	3
Refrigerator	3	220	3
Microwave	3	10	3
Tube Lights	60	40	3
CFL Bulbs	28	3	3

LED Lights	74	5	3
Fans	264	70	3

No documents uploaded by the school.

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

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

250

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

No

No documents uploaded by the school for energy chapter.



Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	Ms. Renu Thakur	renu.thakur786@gmail.com
2.	Mrs. Gurwinder Kaur	gurwinderkaur920@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. Gurpreet	preet.heer91@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Riya Kaur		6
2.	Rajveer Kaur		6
3.	Jung Singh		6
4.	Ravneek Kaur		5
5.	Khushi		5

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

No

Does your school serve midday meals?

No

Do students bring their own lunch from home?

Yes

Supporting Documents

1. Lunch Boxes.jpg

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

2447.00

Of the students who bring lunch from home, how many bring packaged food?

0.00

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

Packaged/Bottled Energy Drinks	0	0	0
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No documents uploaded by the school.

Does your school serve traditional Indian snacks?

No

Does your school serve traditional Indian beverages?

No

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

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

No

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

No

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

No

Supporting Documents

1. pic doing survey_2.jpg



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Mohinder Pal SIngh	mohinderpaldps@gmail.com

Administrative staff

Sno.	Name	Email
1.	Minakshi Gupta	minakshigupta.96@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Anmol Sigh Rai		9
2.	Deepak Kumar		9
3.	Gaganpreet Kaur		10
4.	Himanshi Khanna		10
5.	Anjali		11
6.	Simran Kaur		11
7.	Gurpreet Kaur		11
8.	Supreet Kaur		12
9.	Mahima Chaudhary		12
10.	Rippandeep Kaur		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)	36,422
Ground coverage area	24,281
Green landscaped area on-ground	18,210
Surface parking area	2,262

Play area that is paved/ concrete on ground	1,785
Play area that has grass on ground	18,210
Service Area on ground	99
Roof and terrace area	37
Green cover on exposed roof & terrace	10,500
Total built up/constructed area	12,140
Total no. of floors	3
Others	1,000

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	37	33	70
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. Scan.pdf
- 2. 20161115_155107.jpg
- 3. 20161115_154942.jpg
- 4. 20161115_154930.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Mr. Balvir Kumar	balvirkumar902@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. Rajinder	dpsparowal.adm.manager@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Sadhiya		7
2.	Harvinder Kaur		7
3.	Gurpreet		7
4.	Shivani		7
5.	Shitiz Aggarwal		7
6.	Gaurav		7
7.	Amrit Pal		7
8.	Pawanpreet Singh		7

Task 2: How much water does your school use?

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	17500
Toilet flushing	4800
Personal cleaning	1250
Washing clothes	300
Cooking	80
Cleaning Utensils	40

Washing Vegetables	0
Mopping floors	405
Gardening	2200
Total	26575

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, Recycled waste water

Who supplies the water in your school?

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 19-24 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?	No
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?	No

Does your school use a drip or irrigation system?	Yes
Any other step taken for water conservation? (if Yes, please specify)	Yes

- 1. DRINKING WATER POINT.JPG
- 2. DRINKING WATER TAPS.JPG
- 3. IMG-20161118-WA0005.jpg
- 4. IMG-20161118-WA0007.jpg

Task 5: Does your school harvest rainwater?

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

No

Calculate your school's rainwater harvesting potential (in litres).

15315

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?

82

How many hand pumps do you have?

0

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

78

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

	Girls	Boys	Common	Total
Number of toilets	14	8	2	24

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

14

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

1

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

Yes

ls the water supply sufficient?

Yes

Are the toilets cleaned?

Yes

16(a) If yes, please specify

Twice a day

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

Does your school treat wastewater?

Yes

Does your school reuse the treated wastewater?

Yes

18(a)

How does your school reuse wastewater?

Gardening, Flushing

No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Ms. Manju	manjuyadavdps@gmail.com
2.	Mrs. Sonia Thakur	soniathakur757@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. Pawan Kumar	pawan_sharma08.89@rediffmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Amandeep Kaur		10
2.	Sharanjit Kaur		10
3.	Harpreet Kaur		9
4.	Jagrit		7
5.	Taranjit		7
6.	Prachi		5

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)
- 2. Gardener
- 3. Other: Conductor

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	66	0	66	0	0
Playgrounds	2	0	0	2	0
Common area (e.g. reception, corridors)	11	0	11	0	0
Staffroom	1	0	1	0	0
Laboratory	5	0	5	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	1	0	0	1	0
Library	1	0	1	0	0
Toilets	2	0	0	2	0
Others	3	0	3	0	0
Total	92	0	87	5	0

No documents uploaded by the school.

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	10
Kitchen waste	30
Paper	25
Plastic	5
Wood, glass, metal, classroom furniture	5
E-waste	1
Biomedical waste	0.5
Sanitary waste	1

Construction and Demolition (C & D) waste	20
Hazardous waste	1
Total Generated Solid Waste (in kilogram)	98.5

- 1. image1.JPG
- 2. P_20161118_095515.jpg

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	×	×	×	✓
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)	×	×	~	×

1. image1.JPG

Task 5: How does your school dispose waste?

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

Designated dumping site (Dhalao)

Supporting Documents

- 1. P_20161118_095337.jpg
- 2. P_20161118_100303.jpg
- 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	3	3	0
VCR or DVD players	2	2	0
Refrigerators and freezers	3	3	0
Washing machines	1	1	0
Air conditioners	90	90	0
Heaters	2	2	0
Microwaves	2	2	0

Ovens	0	0	0
Toasters	1	1	0
Electric Kettles	1	1	0
Personal computers (CPU, mouse, screen and keyboard included)	48	45	3
Laptop computer (CPU, mouse, screen and keyboard included)	40	40	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	10	8	2
Copying equipment (Photocopiers)	1	1	0
Projectors	40	40	0
Whiteboards	1	1	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	3	3	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	15	15	0
Pay telephones	1	1	0
Mobiles	2	2	0
Answering systems	0	0	0

1. image3.JPG

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

Yes

No documents uploaded by the school.

Who collects your e-waste, when not in working condition?

Authorised dismantler

Task 6: School's initiatives

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.

What form do these awareness drives take?

As part of the curriculum, As part of extracurricular activities such as guest lectures

Is the study of the environment integrated into the curriculum?

No

Supporting Documents

1. image2.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

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?

Assistance for Rain Water Harvesting

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

Orientati	on for conducting tasks	Good
9	Would your school like to recommend any topic/s that deleted in the audit? Yes	you strongly feel should be added or
9(a)	If yes, please share your suggestions.	
	Treatment of waste	
10	Could you finish all the tasks in given period of time online?	
	Yes	
11	How many times did you contact the Green Schools P counseling? More than twice	rogramme Team for guidance and
12	Water being the focus this year, did you find the quest your school understand how to become water efficient Yes	· · · · · · · · · · · · · · · · · · ·
13	Did your students enjoy doing the Water activities?	

Yes

100.00

Checklist of uploaded documents

1. PUC certificates of not more than five buses

- 2. Fuel Bills
- 3. Picture of School owned vehicles
- 4. Electricity Bill
- 5. Photographs of lunch boxes
- 6. Pictures of Green Cover
- 7. Pictures of landscaped area
- 8. Building construction plan
- 9. Pictures of playground with more than two dustbins
- 10. Picture of audit team weighing solid waste
- 11. Picture of types of solid waste generated
- 12. Pictures of recycling units composting pit, paper recycling machine, selling paper to kabadiwala, recyclers,etc
- 13. Pictures of housekeeping staff disposing different types of solid waste

How many students were involved in the activities?

- 14. Pictures of Electronic items used by school and storage of non-working electronic items
- 15. Pictures of respective audit teams doing survey