

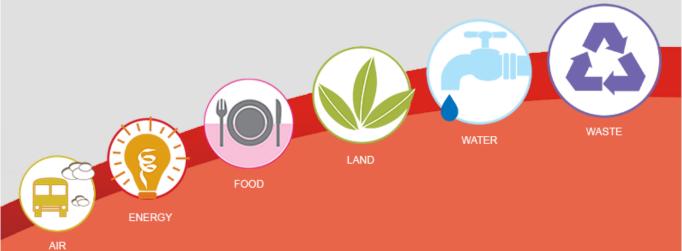
Responses for Green Schools Programme Audit 2016

School Name: FATHER AGNEL SCHOOL

Address: GAUTAM NAGAR, NEW DELHI, South

Delhi, Delhi, India

Coordinator Name: HIMANI BIST



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

FATHER AGNEL SCHOOL

2 Address

GAUTAM NAGAR, NEW DELHI, South Delhi, Delhi, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 11 (NUMBER) 41003440

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 123

5 Principal Name

FATHER J.A CARVALHO

6 GSP Coordinator Name

HIMANI BIST

GSP Coordinator Email

himani.bist@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9968204723

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	1658	1235	2893
Teachers	20	104	124
Non-Teaching Staff	57	30	87
TOTAL	1735	1369	3104

4(b) How many visitors visit your school

430

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?

Urban Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. Marina	Mrs. Marina
2.	Mrs. Himani	himani.bist@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. PC Joseph	office@agnel.org
2.	Mr. Babu	office@agnel.org

Students

Sno.	Name	Email	Grade/Class
1.	Nitpreet Kaur	nitpreetkaur1999@gmail.com	11
2.	Reet Rawal	reetrawal2000@gmail.com	11
3.	Shubh Khattar	shubhkhattar@gmail.com	11
4.	Priyanshu Gupta	priyanshugupta2000@gmail.com	10
5.	Japneet Singh	japneet302000@gmail.com	11

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

1 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)
Class 1 Section A	40.00	16.00	40.00
Class 2 Section A	40.00	16.00	40.00
Class 3 Section A	40.00	16.00	40.00

Class 4 Section A	40.00	16.00	40.00
Class 5 Section A	40.00	16.00	40.00
Class 6 Section A	40.00	16.00	40.00
Class 7 Section A	40.00	16.00	40.00
Class 8 Section A	40.00	16.00	40.00
Class 9 & 10 Section A	80.00	32.00	40.00
Class 11 & 12 Section A	80.00	32.00	40.00
TOTAL	480.00	192.00	

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	0	0	2
No. of vehicles more than five years old	2	0	0	0	2
Air conditioned	0	0	0	0	0
No. of vehicles with PUC done	2	0	0	0	2
Parking area (m2)	450	0	0	0	450

Supporting Documents

1. New Doc_2.jpg

Specify the type of fuel used by your school vehicles:

Diesel	Petrol	LPG	CNG	Electric	Hybrid
--------	--------	-----	-----	----------	--------

Bus	0	0	0	2	0	0
Car	0	0	0	0	0	0
Van	0	0	0	0	0	0
Other vehicles	0	0	0	0	0	0
SUB-TOTAL	0	0	0	2	0	0

- 1. bus photo.jpg
- 2. New Doc.jpg

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	200	6	4	210
Public Bus	998	51	10	1059
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	789	27	29	845
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	0	0	0	0
Personal four-wheeler	125	8	1	134
Personal two-wheeler	104	7	4	115
Bicycle	10	0	15	25
On foot	667	25	24	716
Others (non-motorised)	0	0	0	0
SUB-TOTAL	2893	124	87	3104

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

How many students suffer from respiratory ailments ?

51

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?

Yes



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. Himani	himani.bist@gmail.com
2.	Mrs. Marina	marina.sanyal@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. Joseph PC	office@agnel.org
2.	Mr. Babu	office@agnel.org

Students

Sno.	Name	Email	Grade/Class
1.	Shubh Khattar	shubhkhattar@gmail.com	11
2.	Annaya Saxena	shubhkhattar@gmail.com	10
3.	Annanya Dhingra	shubhkhattar@gmail.com	10
4.	Japneet Singh	shubhkhattar@gmail.com	11
5.	Tanya Bansal	shubhkhattar@gmail.com	10

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

- 1. New Doc 5_2.jpg
- 2. New Doc 5_1-min.jpg

Does your school have its own vehicles?

Yes

	Quantity consumed/monthly average	Energy consumed in Megajoules (MJ)	Type of use
Electricity from the board (kwh)	11001	39603.60	1
Electricity from generator (diesel) (litres)	392	17875.20	1
Petrol (litres)	0	0.00	4
Diesel (litres)	108	4924.80	4
CNG (kilogrammes)	706	36994.40	4
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)	10512.48	37844.93	5,2
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	2.95	152.22	3,5
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	22722.43	137395.15	

1. New Doc.jpg

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	16	2.5	3
Refrigerator	8	210	4
Microwave	6	18	4

Tube Lights	114	40	0
CFL Bulbs	73	11	0
LED Lights	61	8	3
Fans	228	30	0

- 1. 123.jpg
- 2. GSP Energy.pdf

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

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

210

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. solar panel.jpg
- 2. solar panel being cleaned with silk cloth.jpg



Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	Mrs.Himani Bist	himani.bist@gmail.com
2.	Mrs. Marina	marina.sanyal@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. PC Joseph	office@agnel.org
2.	Mr. Babu	office@agnel.org

Students

Sno.	Name	Email	Grade/Class
1.	Japneet Singh	japneet302000@gmail.com	11
2.	Priyanshu Gupta	priyanshugupta2000@gmail.com	10
3.	Reet Rawal	reetrawal2000@gmail.com	11
4.	Shubh Khattar	shubhkhattar@gmail.com	11

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

2 Does your school serve midday meals?

No

Do students bring their own lunch from home?

Yes

Supporting Documents

1. Lunch Food.docx

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

2603.00

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

145.00

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	1	4850	10

Packaged/Bottled Energy Drinks	0	0	0	
No description to content to the content of				

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?

Yes

6(a) Please provide details

Sandwiches and Tetra pack fruit drinks

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?

Yes

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

Nestle, Britannia

Are their banners, brochures, hoardings, stalls etc. put-up during the events?

No

Supporting Documents

- 1. GSP Audit.pdf
- 2. GSP Audit 2.pdf



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. Marina	marina.sanyal@gmail.com
2.	Mrs. Himani	himani.bist@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. PC Joseph	office@agnel.org
2.	Mr. Babu	office@agnel.org

Students

Sno.	Name	Email	Grade/Class
1.	Simar Chopra	simarchopra24@gmail.com	11
2.	Tanmeet Singh	tanmeets222@gmail.com	11
3.	Taibah	shubhkhattar@gmail.com	10
4.	Annanya Saxena	saxenaananya2001@gmail.com	10
5.	Joe Sebastian	joesebastian3112001@gmail.com	10

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

Complete the table:

	Your school's area
Site area in square meter (m2)	12,141
Ground coverage area	4,047
Green landscaped area on-ground	3,627
Surface parking area	425
Play area that is paved/ concrete on ground	1,319
Play area that has grass on ground	4,047

Service Area on ground	9,776
Roof and terrace area	140
Green cover on exposed roof & terrace	0
Total built up/constructed area	9,776
Total no. of floors	4
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	91	20	111
Animals	23	0	23

Task 4: Find out if your school uses pesticides

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

No

Supporting Documents

- 1. green area.jpg
- 2. green cover.jpg
- 3. Land.pdf
- 4. Land 1.6.pdf



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. marina	marina.sanyal@gmail.com
2.	Mrs. Himani	himani.bist@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. Joseph Pc	office@agnel.org
2.	Mr. Babu	office@agnel.org
3.	Mr. Robert	office@agnel.org

Students

Sno.	Name	Email	Grade/Class
1.	Shubh Khattar	shubhkhattar@gmail.com	11
2.	Sarthak Gupta	shubhkhattar@gmail.com	11
3.	Japneet Singh	japneet302000@gmail.com	11
4.	Priyanshu gupta	priyanshugupta2000@gmail.com	10

Task 2: How much water does your school use?

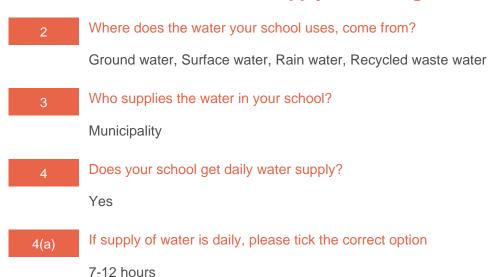
1

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	8661
Toilet flushing	21749
Personal cleaning	0
Washing clothes	0
Cooking	0
Cleaning Utensils	0

Washing Vegetables	0
Mopping floors	2000
Gardening	27751
Total	60161

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



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?	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?	Yes
Any other step taken for water conservation? (if Yes, please specify)	Yes

- 1. 12.docx
- 2. 13.docx
- 3. 14.docx

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

How does your school harvest rainwater?

By recharging groundwater

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

Yes

6(b)(1)(i) Please share the total number of groundwater recharge structures

4.00

6(b)(1)(ii) Please tick the type of groundwater recharge structure used in your school:

Percolation pit/tank

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

71 to 80 per cent

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

3011001

Recharge structure

Rate your catchment on cleanliness:

Good

Supporting Documents

1. WATER 2.pdf

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

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?

If there was an increase, please specify

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

1-5 metre annually

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?

36

How many hand pumps do you have?

0

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

54

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

	Girls	Boys	Common	Total
Number of toilets	41	66	1	108

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

105

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

13

ls 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

How does your school reuse wastewater?

Gardening, Recharge Ground Water

No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. Himani	himani.bist@gmail.com
2.	Mrs. Marina	marina.sanyal@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mr. babu	office@agnel.org
2.	Mr. Joseph PC	office@agnel.org

Students

Sno.	Name	Email	Grade/Class
1.	Japneet Singh	japneet302000@gmail.com	11
2.	Reet Rawal	reetrawal2000@gmail.com	11
3.	Priyanshu Gupta	priyanshugupta2000@gmail.com	10

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	66	0	0	66	0
Playgrounds	1	0	0	0	1

Common area (e.g. reception, corridors)	15	0	0	0	15
Staffroom	9	0	0	9	0
Laboratory	3	0	3	0	0
Canteen	1	0	0	0	1
Clinic/ Sick room	2	0	0	2	0
Library	2	0	2	0	0
Toilets	8	0	0	8	0
Others	0	0	0	0	0
Total	107	0	5	85	17

- 1. bin segregation-min.jpg
- 2. bin near playground.pdf

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	109
Kitchen waste	70
Paper	500
Plastic	2.65
Wood, glass, metal, classroom furniture	13.659
E-waste	100
Biomedical waste	10
Sanitary waste	6.912
Construction and Demolition (C & D) waste	27.258
Hazardous waste	0

1. weighing.pdf

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

Does your school recycle any generated waste?

Yes

Please provide quantity of which is applicable. (in kilogram)

	Quantity
Garden/ horticulture waste	0
Kitchen waste	70
Paper	500
Plastic	2.65
Wood, glass, metal, classroom furniture	0
E-waste	100
Biomedical waste	10
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total (in kilogram)	682.65

Does your school have a composting facility?

No

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?

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	1	1	0
VCR or DVD players	4	4	0
Refrigerators and freezers	10	10	0
Washing machines	0	0	0
Air conditioners	24	24	0
Heaters	0	0	0
Microwaves	5	5	0
Ovens	0	0	0
Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	180	180	0
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	60	60	0
Notepad computers	5	5	0
Printers	10	10	0
Copying equipment (Photocopiers)	3	3	0
Projectors	60	60	0
Whiteboards	60	60	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	15	15	0
Fax machines	2	2	0
Telex	0	0	0
Telephones	37	37	0
Pay telephones	4	4	0
Mobiles	0	0	0
Answering systems	0	0	0

No documents uploaded by the school.

11

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

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 , By the showcasing of posters and stickers

14

Is the study of the environment integrated into the curriculum?

Yes

Supporting Documents

- 1. WASTE 2.pdf
- 2. waste.pdf



FEEDBACK

1	Has your school participated in the Green Schools Programme (GSP) Audit before?
	Yes

If yes, then in which year did your school first participate in the GSP Audit?

1(b) If yes, how many times have you done the audit?

4

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?

Awareness Generation and Student Contribution1

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 deleted in the audit?	you strongly feel should be added or
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? Twice	rogramme Team for guidance and

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. PUC certificates of not more than five buses
- 2. Fuel Bills
- 3. Picture of School owned vehicles
- 4. Electricity Bill
- 5. Picture of 5 star appliances used by school
- 6. Picture of Renewable sources of Energy
- 7. Photographs of lunch boxes
- 8. Pictures of Green Cover
- 9. Pictures of landscaped area
- 10. Pictures of dustbins in classroom showing segregation at source
- 11. Pictures of playground with more than two dustbins
- 12. Picture of audit team weighing solid waste
- 13. Picture of types of solid waste generated
- 14. Pictures of recycling units composting pit, paper recycling machine, selling paper to kabadiwala, recyclers,etc
- 15. Pictures of Electronic items used by school and storage of non-working electronic items
- 16. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
- 17. Pictures of respective audit teams doing survey