

Responses for Green Schools Programme Audit 2016

School Name: East Point School

Address: FC - 26, Dallupura, Vasundhra Enclave,

Delhi, East Delhi, Delhi, India

Coordinator Name: Purnima Singh



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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East Point School

2 Address

FC - 26, Dallupura, Vasundhra Enclave, Delhi, East Delhi, Delhi, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 011 (NUMBER) 22621411

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9818869382

5 Principal Name

Ms Amita Gupts

6 GSP Coordinator Name

Purnima Singh

GSP Coordinator Email

purnima1210@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9650069302

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	1256	628	1884
Teachers	22	93	115
Non-Teaching Staff	15	27	42
TOTAL	1293	748	2041

4(b) How many visitors visit your school

25

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

210

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

Sep, Oct, Nov

Where is the school located?

Urban Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Chitralekha Rana	Chitralekha Rana
2.	Jayshree Joshi	Joshua.jayshree@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mili Menon	epsl.fin2@gmail.com
2.	Kanupriya	kanupriyabattacharya@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	Vaibhav Shripati	vaibhavshripati@gmail.com	8
2.	Vaibhav Patwal	vaibhavpat64@gmail.com	8
3.	Mehul Thakur	aol.meee@gmail.com	10
4.	Shreyan Shukla	shreyan.shukla@gmail.com	8

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

1 How many classrooms does your school have?

56

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)
III A	44.74	9.54	21.31
VII C	39.84	10.68	26.80
VII A	39.91	10.68	26.76
VI A	44.64	18.53	41.52
ХС	40.70	18.02	44.28

XA	34.80	18.53	53.26
XI A	34.80	11.28	32.41
KG C	43.90	18.56	42.28
VIII A	40.00	13.91	34.76
IC	44.64	20.49	45.91
TOTAL	407.97	150.22	

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	0	0	0	0	0
Air conditioned	0	0	0	0	0
No. of vehicles with PUC done	2	0	0	0	2
Parking area (m2)	20	0	0	0	20

Supporting Documents

1. IMG_4448.JPG

3(a)

Specify the type of fuel used by your school vehicles:

	Diesel	Petrol	LPG	CNG	Electric	Hybrid
Bus	0	0	000	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. IMG_4382.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	889	49	0	938
Public Bus	45	0	29	74
School Transport(Other than bus)	32	4	0	36
Public transport (other than bus, Metro, car pool)	121	0	0	121
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	124	11	0	135
Personal four-wheeler	78	22	0	100
Personal two-wheeler	98	9	2	109
Bicycle	11	0	2	13
On foot	486	11	9	506
Others (non-motorised)	0	9	0	9
SUB-TOTAL	1884	115	42	2041

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

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.	Chitralekha Rana	Chitralekha.rana@gmail.com

Administrative staff

Sno.	Name	Email
1.	Kanupriya	kanupriyabhattacharya@yahoo.com
2.	Nitin Mathur	nitinmathur5045@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Amit	amitkushwaha1392@gmail.com	11
2.	Sher Singh	amitkumarsethi@gmail.com	8
3.	Varun Sharma	Rajendersharma264@gmail.com	8
4.	Anmol Khatana		7
5.	Ankit Bhardwaj	anankit4433@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. IMG_4457.JPG

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 use
Electricity from the board (kwh)	8573	30862.80	5
Electricity from generator (diesel) (litres)	0	0.00	0
Petrol (litres)	30	1401.00	1
Diesel (litres)	0	0.00	0
CNG (kilogrammes)	2460	128904.00	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)	72000	259200.00	3
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	21	1083.60	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	83084.00	421451.40	

1. IMG_4412.JPG

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	17	1.5	3
Refrigerator	4	165	3
Microwave	8	17	3
Tube Lights	0	40	0

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CFL Bulbs	128	24	0
LED Lights	13	12	0
Fans	214	40	0

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?

320

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. IMG_4331.PNG
- 2. IMG_4392.JPG



Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	Anuradha Singhal	any_tiklup@yahoo.co.in
2.	Purnima Singh Pundeer	purnima1210@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mili Menon	eps love.fin2@gmail.com
2.	Kanipriya	kanupriyabhattacharya@yahoo.in

Students

Sno.	Name	Email	Grade/Class
1.	Varun		12
2.	Chhavi		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

2 Does your school serve midday meals?

Yes

No documents uploaded by the school.

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	5	620	8
Carbonated beverages	0	0	0
Sugar sweetened noncarbonated beverages	1	1800	8
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	0
Idli/vada and sambhar	0
Pav bhaji	0
Momos	0

Others 45

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

NA

Does your school serve traditional Indian beverages?

Yes

5(a) Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	100
Sweet lassi	0
Salted butter milk	0
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

Muffins

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. IMG_4376.JPG



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Purnima Singh Pundeer	purnima1210@gmail.com
2.	Parul Tyagi	parultyagi0812@gmail.com
3.	Satendra Kumar	Satendra.amity@gmail.com

Administrative staff

Sno.	Name	Email
1.	Parmod	

Students

Sno.	Name	Email	Grade/Class
1.	Tushar Sharma	stusharsharma596@gmail.com	10
2.	Mansi	hardeepsinghjaildar@gmail.com	10
3.	Ankit Bhardwaj	akankit4433@gmail.com	10
4.	Ankit Kumar	kumararank3695@gmail.com	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)	1,600
Ground coverage area	6,897
Green landscaped area on-ground	7,661
Surface parking area	20
Play area that is paved/ concrete on ground	1,402
Play area that has grass on ground	4,136
Service Area on ground	25

Roof and terrace area	1,552
Green cover on exposed roof & terrace	0
Total built up/constructed area	1,794
Total no. of floors	3
Others	100

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	40	3	43
Animals	3	0	3

Task 4: Find out if your school uses pesticides

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

Yes

Supporting Documents

- 1. IMG_4379.JPG
- 2. IMG_4395.JPG
- 3. IMG_4381.JPG



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Purnima Singh Pundeer	purnima1210@gmail.com

Administrative staff

Sno.	Name	Email
1.	Nisha	
2.	Milli Menon	

Students

Sno.	Name	Email	Grade/Class
1.	Shivansh Rawa	ksrawat4796@gmail.com	7
2.	Sumit Mehta	sumitkumarmehta555@gmail.com	7
3.	Anmol Khatana		7
4.	Ashifa		7
5.	Sakshi Sagar	mukeshsagar9910@gmail.com	7
6.	A. Subulakshmi	deviating.s@gmail.com	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	5700
Toilet flushing	9500
Personal cleaning	11400
Washing clothes	25
Cooking	80
Cleaning Utensils	800

Washing Vegetables	20
Mopping floors	6750
Gardening	1028
Total	35303

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?	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?	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

- 1. IMG_4456.JPG
- 2. IMG_4391.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 + Paved + Unpaved

6(b) 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

3.00

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

Recharge through abandoned dug well

How much area in your school is harvested?

81 to 90 per cent

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

Conduits, Recharge structure

6(e)

Rate your catchment on cleanliness:

Average

Supporting Documents

- 1. IMG_4378.JPG
- 2. IMG_4480.JPG
- 3. IMG_4483.JPG
- 4. IMG_4479.JPG

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

Yes

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

Do not follow any such pattern

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

6(h) 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?

Less than a 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?	No
Are the toilets accessible and safe to use for differently abled staff (teaching and non-teaching)?	No
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?

19

9 How many hand pumps do you have?

0

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

66

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

	Girls	Boys	Common	Total
Number of toilets	41	28	1	70

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

44

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

22

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

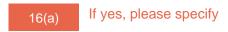
Yes

ls the water supply sufficient?

Yes

Are the toilets cleaned?

Yes



More than 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?

No

18(a) Please specify the fate of wastewater

Used for groundwater recharge

Supporting Documents

1. IMG_4488.JPG



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Reena Dutta	dutta.reena@gmail.com
2.	Rita Chauhan	Chauhan.rita@yahoo.com

Administrative staff

Sno.	Name	Email
1.	Mili	
2.	Kanupriya	

Students

Sno.	Name	Email	Grade/Class
1.	Subir	supriyarjoy774@gmail.com	9
2.	Vivek	nitishchoudhary556@gmail.com	9
3.	Manav	padam40@gmail.com	9
4.	Vinamr Kumar	spider0915men@gmail.com	8
5.	Anmol Khatana	shivkhatana07@gmail.com	7
6.	Shruti Shagun	Rajiv-ece@yahoo.com	4

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. Students and teachers
- 2. 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	52	0	20	20	12
Playgrounds	5	0	0	2	3
Common area (e.g. reception, corridors)	14	0	14	0	0
Staffroom	3	0	3	0	0
Laboratory	4	0	4	0	0
Canteen	2	0	0	2	0
Clinic/ Sick room	2	0	0	2	0
Library	2	0	2	0	0
Toilets	16	0	4	12	0
Others	4	0	3	1	0
Total	104	0	50	39	15

- 1. IMG_4384.JPG
- 2. IMG_4388.JPG

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	100
Kitchen waste	62
Paper	300
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	8

Biomedical waste	1
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	471

- 1. IMG_4428.JPG
- 2. IMG_4429.JPG

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	100
Kitchen waste	30
Paper	300
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total (in kilogram)	430

Yes

Supporting Documents

- 1. IMG_4390.JPG
- 2. IMG_4415.JPG
- 3. IMG_4416.JPG
 - 5a What is the methodology used?

Natural composting without added microbes

What is the quantity of compost that is generated per month(in kilogram)?

10.00

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

For school gardenFor saleFor charity

Does your school encourage students & teachers to reuse textbooks?

Yes

Table to understand whether internal or external waste recycling procedures are applied to

	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. IMG_4393.JPG
- 2. IMG_4393.JPG
- 3. IMG_4411.JPG
- 4. IMG_4410.JPG

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)

Supporting Documents

- 1. IMG_4413.JPG
- 2. IMG_4393.JPG
- 3. IMG_1788.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	0	0	0

Refrigerators and freezers	5	5	0
Washing machines	0	0	0
Air conditioners	18	18	0
Heaters	6	6	0
Microwaves	5	5	0
Ovens	1	1	0
Toasters	0	0	0
Electric Kettles	5	5	0
Personal computers (CPU, mouse, screen and keyboard included)	89	89	0
Laptop computer (CPU, mouse, screen and keyboard included)	2	2	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	6	6	0
Copying equipment (Photocopiers)	7	7	0
Projectors	60	60	0
Whiteboards	59	59	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	5	5	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	11	11	0
Pay telephones	0	0	0
Mobiles	0	0	0
Answering systems	0	0	0

1. IMG_4387.JPG

11

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

Yes

Supporting Documents

- 1. IMG_4410.JPG
- 2. IMG_4385.JPG

11a

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

Kabadiwalla/ Scrapdealer

Task 6: School's initiatives

12

Does the school have a policy on waste?

Yes

Policy document

IMG_4450.JPG

13

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

Yes

Supporting Documents

1. IMG_4449.JPG

13a

What form do these awareness drives take?

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

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? 2011
1(b)	If yes, how many times have you done the audit? 5 times
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?

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

Yes

Yes

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

Waste water treatment and reuse of it will help our school become more green.

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?

Yes

9(a) If yes, please share your suggestions.

There is nothing to delete but in every part we need space to describe which was not visible on mobile site specially as I have uploaded data through mobile.

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?

More than 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?

6.00

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 Renewable sources of Energy
- 6. Picture of Mid-day meal being served
- 7. Traditional food items sold in canteen
- 8. Pictures of Green Cover
- 9. Pictures of landscaped area
- 10. Building construction plan
- 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 housekeeping staff disposing different types of solid waste

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- 16. Pictures of Electronic items used by school and storage of non-working electronic items
- 17. Waste Policy
- 18. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
- 19. Pictures of respective audit teams doing survey