

Responses for Green Schools Programme Audit 2016

School Name: St.Paul's High School

Address: Hyderguda, Hyderabad, Hyderabad,

Telangana, India

Coordinator Name: Madhusudan



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

St.Paul's High School

2 Address

Hyderguda, Hyderabad, Hyderabad, Telangana, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 040 (NUMBER) 23222092

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9133549615

5 Principal Name

Bro. Rayappa Reddy

GSP Coordinator Name

Madhusudan

GSP Coordinator Email

singareddysandeep@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 9989694643

Category Of The School

Day Scholar

School Shifts

Both

GENERAL QUESTIONS

How many levels does your school have?

Lowest level of grade:1 Highest level of grade:10

ls your school single gender or mixed gender?

Mixed/Co-education

Which board of education does the school follow?

State Board of Education (please select name of your state from the list below if applicable) State: Telangana

Total permanent population of the school

	Male	Female	Total
Students	2128	919	3047
Teachers	21	76	97
Non-Teaching Staff	4	2	6
TOTAL	2153	997	3150

4(b) How many visitors visit your school

1000

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

223

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

Aug, Sep, Oct

Where is the school located?

Urban Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Subbalakshmi	Subbalakshmi
2.	Sarvani	mallavarapusarvani@gmail.com
3.	Nagarani	nagarani@gmail.com

Administrative staff

Sno.	Name	Email
1.	Florence	meenaflorence5@gmail.com
2.	Vijaylakshmi	vijaya.narumanchi@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Parth	parththakkervarundhawan@gmail.com	9
2.	Rakshitha	preddyrk@gmail.com	9
3.	Divya	ganasridhar4@gmail.com	8
4.	Raghav	rhaghavtotla@gmail.com	8
5.	Kareem	syedabdulkareem37@gmail.com	9
6.	Khushi	khushireddy@gmail.com	9
7.	Mahvish	mahvishmirza22@yahoo.com	8
8.	Aditi	satishbommerla@gmail.com	8
9.	M. Rohit	maramrohit98@gmail.com	9
10.	Tanish	tanishkavali.1301@gmail.com	9

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

How many classrooms does your school have?

60

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)
9E	41.04	16.20	39.47
9A	64.26	15.12	23.53
5C	29.07	8.64	29.72
8A	43.47	9.00	20.70
6A	49.50	6.75	13.64
10E	36.00	10.80	30.00
10C	37.80	8.64	22.86
9D	68.25	8.80	12.89
5D	45.36	4.32	9.52
8E	36.00	8.64	24.00
TOTAL	450.75	96.91	

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 does not use or own vehicles

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	0	0	0	0
Public Bus	31	15	0	46
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	0	0	0
Taxi four-wheeler	500	4	0	504
Taxi three-wheeler	1800	65	3	1868

Personal four-wheeler	209	21	0	230
Personal two-wheeler	269	31	5	305
Bicycle	50	0	0	50
On foot	140	7	0	147
Others (non-motorised)	0	0	0	0
SUB-TOTAL	2999	143	8	3150

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



25

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.	Monica	monica.middy@gmail.com
2.	Kanchana Mary	kanchanamary.y@gmail.com
3.	K. Padmaja	prabha2000@yahoo.com

Administrative staff

Sno.	Name	Email
1.	Bhupati	bhupathi.rj@gmail.com
2.	Sandeep	singareddysandeep@gmail.com
3.	Sridevi	sridevi.bh65@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Priya Jain	jain.priya50202@gmail.com	8
2.	Kartik	kartikchitoor@gmail.com	9
3.	Abdullah	hiitsme036@gmail.com	8
4.	Srikar	vinjamurisampath71@gmail.com	9
5.	Ruchira	dvreddy88164@yahoo.com	8
6.	Damini	daminirani11092003@gmail.com	8
7.	Hemanth	padmay17@gmail.com	9
8.	Gayathri	gayathri@gmail.com	8
9.	Varshitha	nanimacharla29@gmail.com	8
10.	Sanjana	mousami_bhutada@rediffmail.com	8

Task 2: How much energy does your school consume?



Does your school have access to an electricity bill?

Yes

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)	1059	3812.40	1,2,3,5
Electricity from generator (diesel) (litres)	12000	547200.00	1,5
Petrol (litres)	0	0.00	0
Diesel (litres)	0	0.00	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)	5.24	18.86	1,3,5
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	0	0.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	13064.24	551031.26	

Supporting Documents

1. ENERGY.docx

What appliances does your school have?

Number	Size	BEE Star Rating

Air Conditioners	27	1.5	2
Refrigerator	1	210	5
Microwave	4	8	3
Tube Lights	157	40	5
CFL Bulbs	56	20	3
LED Lights	72	30	3
Fans	165	20	2

Supporting Documents

- 1. tube.docx
- 2. head.docx
- 3. Doc3com.docx
- 4. cam.docx
- 5. app.docx

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

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

50

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

No documents uploaded by the school for energy chapter.



Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	Saraswati	saras5sridhar@yahoo.com
2.	Amtul	amtulbutool@gmail.com
3.	Swarnagowri	gowri2108@gmail.com

Administrative staff

Sno.	Name	Email
1.	Manga	lakshmimanga442@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Yashita	yashita.s@yahoo.com	8
2.	Aditya	adityakamat007@gmail.com	9
3.	Mohit	mohitjain0607@gmail.com	8
4.	Sowmya	durgasridhar93@yahoo.com	8
5.	Rishabh	srihari504@gmail.com	8
6.	Shriya	shriyareddy@gmail.com	8
7.	Abhishek	abhishekpagadala@gmail.com	9
8.	M. Meghana	sridharthumma@gmail.com	8
9.	Karthik	parudhivikarthik@gmail.com	9
10.	Shruti	shrutilahoti09@gmail.com	9

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.

2(a)(1) How many students out of total student population bring home-made lunch?

3000.00

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

50.00

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	2	200	8
Instant Noodles like Knorr, Cup-a- noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	2	40	8
Potato fries and Burgers	0	0	0
Confectionery items (chocolate, candies, gums)	18	1000	8
Ice-cream	13	50	9
Carbonated beverages	0	0	0
Sugar sweetened noncarbonated beverages	1	20	8
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	0	0
Packaged/Bottled Energy Drinks	0	0	0

Supporting Documents

1. selling.docx

Does your school serve traditional Indian snacks?

Yes

4(a) Please provide the details:

	Number of plates sold when on the menu
Samosas	75
Idli/vada and sambhar	0
Pav bhaji	0
Momos	0
Others	0

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

SAMOSA & SAMOSA RAGADA.

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

Wafers, Juice.

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

Yes

7(a) Please provide the names?

Maaza, Tourist Wafers.

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.	Jaya	jayamahesh05@gmail.com
2.	Sushma	sushma.thumma@gmail.com
3.	Uma Rani	umastpauls@gmail.com

Administrative staff

Sno.	Name	Email
1.	Madhuravani	mulkhi.vani@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Prathna	prathnabaheti@gmail.com	8
2.	Himaja	himajakunuru@gmail.com	9
3.	Arnav	k.arnavoct21@gmail.com	8
4.	Aaryan	rajarani:rr947@gmail.com	8
5.	Suhani	dhirajsuhehra@yahoo.10.in	8
6.	Cyrus	ajfbenny@gmail.com	9
7.	Roma	jyosthsnareddy72@gmail.com	8
8.	Keerthiraj	keerthirajhatare@gmail.com	8
9.	Ashwin	ashwiniyerkrishna2002@gmail.com	9
10.	Abhiram	k.v@vishwainfra.in	8

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

Complete the table:

	Your school's area
Site area in square meter (m2)	19,432
Ground coverage area	4,453
Green landscaped area on-ground	0

Surface parking area	4,786
Play area that is paved/ concrete on ground	9,876
Play area that has grass on ground	0
Service Area on ground	0
Roof and terrace area	6,523
Green cover on exposed roof & terrace	0
Total built up/constructed area	19,432
Total no. of floors	4
Others	19,432

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	5	37	42
Animals	1	2	3

Task 4: Find out if your school uses pesticides

4

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

Yes

Supporting Documents

- 1. Doc10.docx
- 2. Doc12.docx
- 3. Doc13.docx
- 4. Doc11.docx



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Ruxana	hbk.hhh99@yahoo.com
2.	Neelam	agnelneelam@gmail.com
3.	Beena	beenabenn@gmail.com

Administrative staff

Sno.	Name	Email
1.	Madhusudan	gbmadhusudhan123@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Jahnavi	jahnavikairamkonda26@gmail.com	9
2.	Manasa	manasaadusumilli15@gmail.com	9
3.	Nikhil	nikhil.m@gmail.com	9
4.	Manohar	kvr1765@gmail.com	9
5.	Ramaa	ramaa.rahatekar@yahoo.com	8
6.	Gayathri	thotagayathri29@gmail.com	9
7.	Chandrasekhar	chandrashekarv@gmail.com	9
8.	Yashavi	sreepaday@yahoo.com	9
9.	S. Karthik	skirthi2013@gmail.com	9
10.	Aaryan	aaryanthe great@gmail.com	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	2500
Toilet flushing	10000
Personal cleaning	2000

Washing clothes	1000
Cooking	150
Cleaning Utensils	250
Washing Vegetables	25
Mopping floors	500
Gardening	3500
Total	19925

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

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

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?	No
If your school has an eco-club, do they have water component?	No
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?	No
Any other step taken for water conservation? (if Yes, please specify)	No

Supporting Documents

1. WATER.docx

Task 5: Does your school harvest rainwater?

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

Yes

Does your school harvest different catchments?.

Yes

6(a)(1) Which is the catchment area being harvested by your school?

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:

Soak pit

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

21 to 30 per cent



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

Gutters, Recharge structure

6(e)

Rate your catchment on cleanliness:

Good

Supporting Documents

- 1. Doc14.docx
- 2. Doc15.docx
- 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

6(h)

6(i)

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?	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?

1

How many hand pumps do you have?

0

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

30

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

	Girls	Boys	Common	Total
Number of toilets	10	10	0	20

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

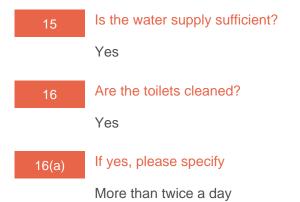
10

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

7

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

Yes



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

Does your school treat wastewater?

No

Does your school reuse the treated wastewater?

No

18(a) Please specify the fate of wastewater

Wastewater flows directly to the drains

No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Sujatha	lsujathareddysphs@gmail.com
2.	Sudharani	sudhavin66@gmail.com
3.	T. Padmaja	padmajatadepalli@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ushabharati	bharatisistla@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Mahboob	mahboobali@gmail.com	9
2.	Anurag	surendermishra@gmail.com	9
3.	Nishith	nisithmukka@gmail.com	9
4.	Uday	udaysagar626@yahoo.com	9
5.	Gaurav	gauravkhiraya@gmail.com	9
6.	Spandana	maoba2005@yahoo.com	8
7.	Umar Amaan	umaramman@gmail.com	9
8.	Aditya	adityakulkarni211103@gmail.com	8
9.	Sahan	vureddy468@gmail.com	9
10.	Yashwanth	jhk1299@gmail.com	9

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

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	30	0	30	0	0
Playgrounds	3	0	1	2	0
Common area (e.g. reception, corridors)	0	0	0	0	0
Staffroom	5	0	5	0	0
Laboratory	2	0	2	0	0
Canteen	2	0	2	0	0
Clinic/ Sick room	2	0	2	0	0
Library	1	0	1	0	0
Toilets	2	0	2	0	0
Others	6	0	6	0	0
Total	53	0	51	2	0

Supporting Documents

- 1. Doc16.docx
- 2. Doc17.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	1500
Kitchen waste	250
Paper	100
Plastic	10
Wood, glass, metal, classroom furniture	250

E-waste	100
Biomedical waste	20
Sanitary waste	30
Construction and Demolition (C & D) waste	10
Hazardous waste	25
Total Generated Solid Waste (in kilogram)	2295

No documents uploaded by the school.

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	1251
Kitchen waste	150
Paper	100
Plastic	10
Wood, glass, metal, classroom furniture	200
E-waste	100
Biomedical waste	20
Sanitary waste	25
Construction and Demolition (C & D) waste	10
Hazardous waste	20
Total (in kilogram)	1886

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	×	×	×	坐
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 t

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

Don't know

Supporting Documents

1. Doc18.docx

Does your school burn waste?

Yes

No documents uploaded by the school.

9a Where does your school burn waste?

Inside the school

What kind of waste is being burnt/ incinerated?

Paper

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	1	1	0
Refrigerators and freezers	2	2	0
Washing machines	1	1	0
Air conditioners	37	37	0
Heaters	1	1	0
Microwaves	2	2	0
Ovens	2	2	0
Toasters	1	1	0
Electric Kettles	1	1	0
Personal computers (CPU, mouse, screen and keyboard included)	190	180	10
Laptop computer (CPU, mouse, screen and keyboard included)	5	5	0
Notebook computers	0	0	0
Notepad computers	1	1	0
Printers	9	9	0
Copying equipment (Photocopiers)	2	2	0

Projectors	62	62	0
Whiteboards	62	62	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	5	5	0
Fax machines	1	1	0
Telex	1	1	0
Telephones	10	10	0
Pay telephones	0	0	0
Mobiles	1	1	0
Answering systems	0	0	0

Supporting Documents

- 1. Doc19.docx
- 2. Doc20.docx
- 3. Doc21.docx
- 4. Doc22.docx

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?

No

Is the study of the environment integrated into the curriculum?

Yes

Supporting Documents

- 1. Doc20.docx
- 2. WASTE.docx



FEEDBACK

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

No

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

No

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?

Our School should recycle more amount of waste and should take necessary steps to make our school a green school

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?

58.00

Checklist of uploaded documents

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