



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: St.edmunds school
Address: Sector 5 jawahar nagar, Jaipur, Jaipur,
Jaipur, Rajasthan, India
Coordinator Name: Anu bhatia



AIR



ENERGY



FOOD



LAND



WATER



WASTE

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.edmunds school

2

Address

Sector 5 jawahar nagar, Jaipur, Jaipur, Jaipur, Rajasthan, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 141 (NUMBER) 2651084

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9928816178

5

Principal Name

Pooja singh

6

GSP Coordinator Name

Anu bhatia

7

GSP Coordinator Email

anubhatia25@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9928816178

9

Category Of The School

Day Scholar

10

School Shifts

Morning

GENERAL QUESTIONS

1

How many levels does your school have?

Lowest level of grade:1

Highest level of grade:12

2

Is your school single gender or mixed gender?

Mixed/Co-education

3

Which board of education does the school follow?

Central Board of Secondary Education

4

Total permanent population of the school

	Male	Female	Total
Students	923	452	1375
Teachers	22	56	78
Non-Teaching Staff	20	22	42
TOTAL	965	530	1495

4(b)

How many visitors visit your school

60

5

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

211

6

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

Oct

7

Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	ANKESH KUMAR SAHA	ANKESH KUMAR SAHA

Administrative staff

Sno.	Name	Email
1.	ANU BHATIA	anubhatia25@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	DIVYA PUNJABI		10
2.	TANVI KHANNA		10
3.	CHITRANSH KOTAWALA		9
4.	ADITI JOSHI		10
5.	HANISHA PARYANI		10

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

1 How many classrooms does your school have?

47

2 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)
PLAY GROUP	148.64	9.29	6.25
NURSERY	148.64	9.29	6.25
V-C	47.56	4.18	8.79
VI-C	55.74	13.38	24.00
VII-C	60.20	9.29	15.43

VIII-A	60.20	9.29	15.43
IX-B	60.20	9.29	15.43
X-A	60.20	9.29	15.43
XI-C	55.74	13.38	24.00
XII-B2	55.74	13.38	24.00
TOTAL	752.86	100.05	

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

3

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

3(a)

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	2	0	1	0	3
Air conditioned	0	0	0	0	0
No. of vehicles with PUC done	2	0	1	0	3
Parking area (m2)	250	0	0	0	250

Supporting Documents

1. PUC.pdf

3(b)

Specify the type of fuel used by your school vehicles:

	Diesel	Petrol	LPG	CNG	Electric	Hybrid
Bus	2	0	0	1	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	2	0	0	1	0	0

Supporting Documents

1. fuel bil.jpeg
2. WhatsApp Image 2016-11-17 at 12.58.14 %281%29.jpeg

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	64	2	0	66
Public Bus	200	12	6	218
School Transport(Other than bus)	12	1	0	13
Public transport (other than bus, Metro, car pool)	44	4	2	50
Taxi four-wheeler	127	0	0	127
Taxi three-wheeler	123	3	0	126
Personal four-wheeler	0	3	3	6
Personal two-wheeler	0	48	6	54
Bicycle	108	2	15	125
On foot	697	3	10	710
Others (non-motorised)	0	0	0	0
SUB-TOTAL	1375	78	42	1495

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

5

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?

Yes



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	ISHA TANWAR	isha.tanwar@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	ANU BHATIA	anubhatia25@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	PRANAY		12
2.	DEVESH		12

Task 2: How much energy does your school consume?

1 Does your school have access to an electricity bill?

Yes

Supporting Documents

1. ELECTRIC BILL.jpeg

2 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)	3767	13561.20	4

Electricity from generator (diesel) (litres)	10	456.00	1
Petrol (litres)	34	1587.80	1
Diesel (litres)	277.32	12645.79	1
CNG (kilogrammes)	100	5240.00	1
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)	50	180.00	1
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	10	516.00	1
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	4248.32	34186.79	

Supporting Documents

1. fuel bil.jpeg

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	25	1.5	5
Refrigerator	5	180	5
Microwave	0	0	0
Tube Lights	0	0	0
CFL Bulbs	0	0	0
LED Lights	300	7	5
Fans	350	80	3

Supporting Documents

1. DSC_0889.JPG
2. DSC_0893.JPG
3. DSC_0891.JPG

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

5

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

210

6

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

No

No documents uploaded by the school for energy chapter.



FOOD

Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	JYOTI BADLANI	jbadlani1269@gmail.com

Administrative staff

Sno.	Name	Email
1.	ANU BHATIA	anubhatia25@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	HEMANT TANWANI		8
2.	TANISHQ TOLIYA		8
3.	MANISHA		7
4.	NIHARIKA		7

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

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

Yes

2 Does your school serve midday meals?

No

2(a) Do students bring their own lunch from home?

Yes

Supporting Documents

1. IMG_7858.JPG

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

860.00

2(a)(2)

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

170.00

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

3

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	9	500	11
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)	11	700	10
Ice-cream	0	0	0
Carbonated beverages	0	0	0
Sugar sweetened noncarbonated beverages	5	200	10
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	2	500	10
Packaged/Bottled Energy Drinks	1	57	10

Supporting Documents

1. IMG_7813.JPG

4

Does your school serve traditional Indian snacks?

Yes

4(a)

Please provide the details:

	Number of plates sold when on the menu
Samosas	250
Idli/vada and sambhar	0
Pav bhaji	0
Momos	0
Others	200

4(b)

Give descriptions for rare local snacks served in your school:?

SPROUTS -OF PULSES

5

Does your school serve traditional Indian beverages?

Yes

5(a)

Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	300
Sweet lassi	150
Salted butter milk	50
Aam Panna	0
Others	0

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

6

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

Yes

6(a)

Please provide details

BISCUITS, CHOCOLATE, CAKE, CHIPS

7

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

Yes

7(a)

Please provide the names?

BISCUITS, CHOCOLATE, CAKE

8

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

No

Supporting Documents

1. IMG_7824.JPG



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	ANKESH KUMAR SAHA	ankesh@edmunds.in

Administrative staff

Sno.	Name	Email
1.	ANU BHATIA	anubhatia25@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	RISHABH PRASAR		10
2.	CHITRANSH KOTAWALA		10
3.	ADITI JOSHI		10
4.	HARSH PARIYANI		9
5.	HANISHA PARIYANI		9

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)	5,225
Ground coverage area	1,486
Green landscaped area on-ground	1,528
Surface parking area	250
Play area that is paved/ concrete on ground	1,310
Play area that has grass on ground	274
Service Area on ground	42
Roof and terrace area	1,486

Green cover on exposed roof & terrace	0
Total built up/constructed area	5,225
Total no. of floors	9
Others	0

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

3

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

	Native	Exotic	Total
Plants	42	0	42
Animals	4	0	4

Task 4: Find out if your school uses pesticides

4

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

No

Supporting Documents

1. DSC_0892.JPG
2. IMG20161015084710.jpg
3. IMG20161015085053.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	NEETI BHATIA	neeti@edmunds.in

Administrative staff

Sno.	Name	Email
1.	ANU BHATIA	anu@edmunds.in

Students

Sno.	Name	Email	Grade/Class
1.	VATSALA MANSINGHANI		12
2.	VIJAY SHARMA		11
3.	VIKAS SHARMA		11
4.	DIMPLE GYANANI		12
5.	PRANAY KHANDELWAL		12
6.	DEVESH AGARWAL		12
7.	SALONI JAIN		12
8.	JYOTSANA KHATRI		12
9.	RUSHANK LASHKARI		11
10.	KAMAKSHI LASHKARI		11

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	1000
Toilet flushing	1700
Personal cleaning	500
Washing clothes	00

Cooking	5
Cleaning Utensils	20
Washing Vegetables	2
Mopping floors	50
Gardening	400
Total	3677

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

2 Where does the water your school uses, come from?

Ground water

3 Who supplies the water in your school?

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

4 Does your school get daily water supply?

Yes

4(a) If supply of water is daily, please tick the correct option

=1 hours

Task 4: What are the water conservation practices followed in your school?

5 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

Supporting Documents

1. IMG_0004 - Copy.JPG
2. IMG_0005.JPG

Task 5: Does your school harvest rainwater?

6

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?

Combination of both

6(b)(1)

If your school only stores rainwater, please select the use of stored rainwater.

Gardening, Toilets, Washing vehicles

6(b)(2)

Does your school have rainwater storage tank?

Yes

6(b)(2)(a)

Total capacity of storage tank (litres)

50000.00

6(b)(2)(b)

Total number of storage tanks

2.00

6(b)(2)(c) Location of tanks:

Underground

6(b)(2)(d) Material options for tanks

Combination of PVC + RCC + Brick

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

71 to 80 per cent

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

Storage tank, Collection sump, Pump unit, Recharge structure

6(e) Rate your catchment on cleanliness:

Good

Supporting Documents

1. IMG_0005.JPG

6(f) 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

6(g) Does your school monitor the rainwater harvesting structure for its efficiency?

No

6(h) What is the trend of groundwater level in your school across the year?

No change

6(i) 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?

7 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

8 How many drinking water taps do you have?

46

9 How many hand pumps do you have?

2

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

10

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

	Girls	Boys	Common	Total
Number of toilets	20	25	1	46

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

46

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

10

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

Yes

15

Is the water supply sufficient?

Yes

16

Are the toilets cleaned?

Yes

16(a)

If yes, please specify

Twice a day

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

17

Does your school treat wastewater?

Yes

18

Does your school reuse the treated wastewater?

Yes

18(a)

How does your school reuse wastewater?

Gardening, Recharge Ground Water

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	ISHA TANWAR	isha.tanwar@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	Anu Bhatia	anu@edmunds.in

Students

Sno.	Name	Email	Grade/Class
1.	Mohak Arora		12
2.	Yashwardhan		12
3.	Pranay khandelwal		12

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

1

Does your school segregate solid waste?

Yes

1a

Who segregates the waste at source?

1. Students and teachers
2. Housekeeping (Sweeper)
3. Gardener

2

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	42	0	42	0	0
Playgrounds	10	0	0	0	10

Common area (e.g. reception, corridors)	14	0	0	14	0
Staffroom	8	0	0	08	0
Laboratory	9	0	05	04	0
Canteen	2	0	0	0	02
Clinic/ Sick room	1	0	0	01	0
Library	1	0	0	01	0
Toilets	14	0	0	14	0
Others	5	0	0	05	0
Total	106	0	47	47	12

Supporting Documents

1. DSC_0894.JPG
2. DSC_0892.JPG

Task 3: How much waste does your school generate?

3

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

	Collection per month (Frequency may differ)
Garden/ horticulture waste	800
Kitchen waste	300
Paper	1150
Plastic	1500
Wood, glass, metal, classroom furniture	5000
E-waste	0
Biomedical waste	5
Sanitary waste	10
Construction and Demolition (C & D) waste	100
Hazardous waste	0

Total Generated Solid Waste (in kilogram)

8865

Supporting Documents

1. WhatsApp Image 2016-11-17 at 12.26.19.jpeg
2. WhatsApp Image 2016-11-17 at 12.26.47.jpeg

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

4

Does your school recycle any generated waste?

Yes

4a

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

	Quantity
Garden/ horticulture waste	800
Kitchen waste	100
Paper	850
Plastic	100
Wood, glass, metal, classroom furniture	3000
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	100
Hazardous waste	0
Total (in kilogram)	4950

5

Does your school have a composting facility?

Yes

Supporting Documents

1. IMG_0216.JPG

5a

What is the methodology used?

Natural composting without added microbes

5b

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

900.00

5c

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

For horticultural purposesFor school garden

6

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?

8

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

Designated dumping site (Dhalao)

No documents uploaded by the school.

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	11	11	0
VCR or DVD players	7	7	0
Refrigerators and freezers	5	5	0
Washing machines	0	0	0
Air conditioners	24	24	0
Heaters	0	0	0
Microwaves	0	0	0
Ovens	0	0	0
Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	67	60	7
Laptop computer (CPU, mouse, screen and keyboard included)	14	14	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	5	05	0
Copying equipment (Photocopiers)	1	1	0
Projectors	12	12	0

Whiteboards	50	50	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	5	5	0
Fax machines	1	1	0
Telex	0	0	0
Telephones	14	14	0
Pay telephones	1	1	0
Mobiles	4	4	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

12

Does the school have a policy on waste?

Yes

Policy document

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

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?

2015

1(b)

If yes, how many times have you done the audit?

1

2

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

No

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?

Yes

6

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

Yes

7

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

Every ones participation with complete awareness will help to make school green as well their surrounding.

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

Orientation for conducting tasks	Good
----------------------------------	------

9	Would your school like to recommend any topic/s that you strongly feel should be added or deleted in the audit?	No
10	Could you finish all the tasks in given period of time online?	Yes
11	How many times did you contact the Green Schools Programme Team for guidance and counseling?	Never
12	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
13	Did your students enjoy doing the Water activities?	Yes
13(a)	How many students were involved in the activities?	1000.00

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. Photographs of lunch boxes
7. Picture of Canteen selling UPPF
8. Traditional food items sold in canteen
9. Pictures of Green Cover
10. Pictures of landscaped area
11. Pictures of dustbins in classroom showing segregation at source
12. Pictures of playground with more than two dustbins
13. Picture of audit team weighing solid waste
14. Picture of types of solid waste generated
15. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers,etc
16. Pictures of housekeeping staff disposing different types of solid waste
17. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
18. Pictures of respective audit teams doing survey