



# GREEN SCHOOLS PROGRAMME

## Responses for Green Schools Programme Audit 2016

**School Name:** Montfort School  
**Address:** 10th Mile, G S Road, Amerigog P.O,  
Guwahati, Kamrup Metropolitan, Assam,  
India  
**Coordinator Name:** Mr. Rajiv Sharma



Green Schools Programme

Centre for Science and Environment

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Tel: +91-11 29955124, 29956110, 40616000

<http://www.greenschoolsprogramme.org/>

## SCHOOL PROFILE

1

**Name of the School / Institution**

Montfort School

2

**Address**

10th Mile, G S Road, Amerigog P.O, Guwahati, Kamrup Metropolitan, Assam, India

3

**Telephone Number (Landline Number with STD code)**

(ISD) 91 (STD) 361 (NUMBER) 2895325

4

**Mobile Number (Mobile Number with STD code)**

(ISD) 91 (Number) 9401012673

5

**Principal Name**

Bro. S. Maria Soosai

6

**GSP Coordinator Name**

Mr. Rajiv Sharma

7

**GSP Coordinator Email**

montfort96@gmail.com

8

**GSP Coordinator Mobile Number**

(ISD)91 (Number) 9864320098

9

**Category Of The School**

Day Scholar + Residential

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	853	591	1444
Teachers	13	48	61
Non-Teaching Staff	16	4	20
TOTAL	882	643	1525

4(b) How many visitors visit your school

200

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

220

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

April, May, June, July, Aug

7 Where is the school located?

Rural Area



## AIR

### Task 1: Air Audit Team

#### Teachers

Sno.	Name	Email
1.	RAJIV SHARMA	RAJIV SHARMA

#### Administrative staff

Sno.	Name	Email
1.	RANU DAS	
2.	JASMINE AHMED	

#### Students

Sno.	Name	Email	Grade/Class
1.	NILIM KUMAR BEY		9
2.	SOURAV CHAKRABORTY		9
3.	SANJAY SHARMA		9
4.	SUNNY KUMAR NATH		9
5.	ROHIT ARJEL		9
6.	HIMON PARASHAR		9
7.	TANYA BHOWMIK		9
8.	JYOTISMITA DAS		9
9.	MUSTAHAID AHMED		9
10.	NITUMONI SHARMA		9

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

1 How many classrooms does your school have?

40

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)
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2A	40.00	11.00	27.50
2B	40.00	11.00	27.50
3A	40.00	11.00	27.50
3B	40.00	11.00	27.50
6A	40.00	11.00	27.50
7B	40.00	11.00	27.50
8B	40.00	11.00	27.50
10A	40.00	11.00	27.50
11A	40.00	11.00	27.50
12B	40.00	11.00	27.50
TOTAL	400.00	110.00	

### 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?

School-owned vehicles

3(a)

Provide details of school-owned motorized vehicles .

	Buses	Cars	Vans	Others	Total
No. of vehicles	7	1	0	0	8
No. of vehicles more than five years old	2	0	0	0	2
Air conditioned	0	1	0	0	1
No. of vehicles with PUC done	7	1	0	0	8
Parking area (m2)	280	20	0	0	300

No documents uploaded by the school.

3(b)

Specify the type of fuel used by your school vehicles:

	Diesel	Petrol	LPG	CNG	Electric	Hybrid
Bus	7	0	0	0	0	0
Car	1	0	0	0	0	0
Van	0	0	0	0	0	0
Other vehicles	0	0	0	0	0	0
SUB-TOTAL	8	0	0	0	0	0

### Supporting Documents

1. bus.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	850	40	4	894
Public Bus	280	10	10	300
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	12	0	0	12
Personal four-wheeler	50	0	0	50
Personal two-wheeler	06	1	0	7
Bicycle	10	0	0	10
On foot	65	5	1	71
Others (non-motorised)	171	5	5	181
SUB-TOTAL	1444	61	20	1525

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

5

How many students suffer from respiratory ailments ?

24

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.	RAJIV SHARMA	montfort96@gmail.com
2.	DEEPA HALOI	deepahaloi@rediffmail.com

#### Administrative staff

Sno.	Name	Email
1.	NEEMLAL BAITHA	
2.	SARMISTHA DEB	

#### Students

Sno.	Name	Email	Grade/Class
1.	BIBEK UPADHYAY		10
2.	GAUTAM PHUKAN		10
3.	MANAS KUMAR MANDAL		10
4.	PRITAM KUMAR PAL		10
5.	S SHIVA		10
6.	SOURAV BARMAN		10
7.	RUHINA YESMIN		11
8.	SIDDHANT PANDEY		11
9.	BHARBI KALITA		12
10.	BHUPEN BORO		12

### Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

No documents uploaded by the school.

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)	10375	37350.00	0
Electricity from generator (diesel) (litres)	60	2736.00	0
Petrol (litres)	0	0.00	0
Diesel (litres)	1200	54720.00	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)	0	0.00	0
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	10	516.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	11645.00	95322.00	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	2	1	4
Refrigerator	0	0	0
Microwave	0	0	0

Tube Lights	20	40	0
CFL Bulbs	50	18	0
LED Lights	0	0	0
Fans	160	160	0

No documents uploaded by the school.

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

5

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

250

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.	NISHA SHARMA	montfort96@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	CHITRALEKHA DEKA	
2.	KUMKUM DASGUPTA	

#### Students

Sno.	Name	Email	Grade/Class
1.	DHRITIMAN TALUKDAR		8
2.	MOUSUMI BORAH		8
3.	RAHUL KAFLE		8
4.	BHARISTA DEKA		8
5.	DINESH KUMAR		8
6.	SANJU SANGMA		8
7.	GOURAB PAUL		9
8.	AFFAN AHMED		9
9.	BISHAL DAS		9
10.	SONGJA TERON		8

### 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

No

2

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?

1200.00

2(a)(2) Of the students who bring lunch from home, how many bring packaged food?

25.00

2(a)(3) Do teachers have the responsibility to ensure that students are carrying lunch from home?

No

### 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	6	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	2	900	0
Sugar sweetened noncarbonated beverages	0	0	0
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	2	1000	0
Packaged/Bottled Energy Drinks	0	0	0

No documents uploaded by the school.

4 Does your school serve traditional Indian snacks?

No

5 Does your school serve traditional Indian beverages?

No

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

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

No

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

Yes

7(a) Please provide the names?

CHOCOLATES MUNCH & ECLAIRS

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

No

No documents uploaded by the school.



## LAND

### Task 1: Land Audit Team

#### Teachers

Sno.	Name	Email
1.	SARMISTHA DEB	montfort96@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	SUPRIYO BHATTACHARJEE	
2.	RAJIV SHARMA	

#### Students

Sno.	Name	Email	Grade/Class
1.	SUMAN DAS		10
2.	MANOJ SHARMA		10
3.	DEBASHISH KALITA		10
4.	JONAKJYOTI PHUKAN		10
5.	DEEPJYOTI SAIKIA		10
6.	PARTHA PRATIM KALITA		9
7.	MOUSUMI DEY		9
8.	KRISHAN TALUKDAR		9
9.	KAUSHIK SAHA		9
10.	DALIA NEOGI		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)	13,723
Ground coverage area	1,832
Green landscaped area on-ground	5,859
Surface parking area	300

Play area that is paved/ concrete on ground	536
Play area that has grass on ground	1,200
Service Area on ground	0
Roof and terrace area	1,832
Green cover on exposed roof & terrace	0
Total built up/constructed area	5,496
Total no. of floors	6
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	15	0	15
Animals	8	0	8

### 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. green.JPG



## WATER

### Task 1: Water Audit Team

#### Teachers

Sno.	Name	Email
1.	RAJIV SHARMA	montfort96@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	DIBAKAR SINGHA	
2.	SANGITA GURUNG	

#### Students

Sno.	Name	Email	Grade/Class
1.	AMIR ALI		9
2.	ANUP PAUL		9
3.	GOURAB PAUL		9
4.	MRIDUL KALITA		9
5.	SUSANA KISPOTA		9
6.	ANUJ SINGH		9
7.	HARSH KUMAR SINGH		9
8.	RISHI KUMAR		9
9.	MINTU DAS		9
10.	POOJA KALITA		9

### 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	600
Toilet flushing	400
Personal cleaning	400
Washing clothes	200



Cooking	0
Cleaning Utensils	100
Washing Vegetables	0
Mopping floors	50
Gardening	50
Total	1800

### 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

19-24 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?	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?	No
Does your school use a drip or irrigation system?	No
Any other step taken for water conservation? (if Yes, please specify)	No

No documents uploaded by the school.

### Task 5: Does your school harvest rainwater?

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

No

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

583000

### 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?

30

9 How many hand pumps do you have?

0

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	45	45	1	91

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

70

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

3

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

More than twice a day

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

17 Does your school treat wastewater?

No

18 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.



## WASTE

### Task 1: Waste Audit Team

#### Teachers

Sno.	Name	Email
1.	BASUDEV BARMAN	montfort96@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	MONMI BORDOLOI	
2.	JURIMA DEKA	

#### Students

Sno.	Name	Email	Grade/Class
1.	RITU HAZARIKA		12
2.	RUPAM DEY		12
3.	PURABI DAS		12
4.	GOURAB BASTOLA		12
5.	MANISH KUMAR		12
6.	ABHISHEK PANDEY		11
7.	SHIBIL CHAKMA		11
8.	RONI BHOWMIK		11
9.	TULSI ADHIKARI		10
10.	UTTOM ROY		10

### 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. Housekeeping (Sweeper)

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	40	0	40	0	0
Playgrounds	6	0	6	0	0
Common area (e.g. reception, corridors)	3	0	03	0	0
Staffroom	2	02	0	0	0
Laboratory	4	04	0	0	0
Canteen	3	0	03	0	0
Clinic/ Sick room	1	1	0	0	0
Library	1	1	0	0	0
Toilets	6	6	0	0	0
Others	4	4	0	0	0
Total	70	18	52	0	0

### Supporting Documents

1. DSCN7877.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	10
Kitchen waste	1
Paper	20
Plastic	2
Wood, glass, metal, classroom furniture	5
E-waste	0
Biomedical waste	0

Sanitary waste	3
Construction and Demolition (C & D) waste	200
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	241

No documents uploaded by the school.

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

4 Does your school recycle any generated waste?

No

5 Does your school have a composting facility?

No

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?

Yes

No documents uploaded by the school.

9a

Where does your school burn waste?

Outside the school

9b

What kind of waste is being burnt/ incinerated?

Paper

10

Does your school have the following? If yes, please give the numbers.

	Total	Working conditions	Non-working condition
TVs	1	1	
VCR or DVD players	2	2	
Refrigerators and freezers	0	0	
Washing machines	0	0	
Air conditioners	2	2	
Heaters	1	1	



Microwaves	0	0	
Ovens	0	0	
Toasters	0	0	
Electric Kettles	0	0	
Personal computers (CPU, mouse, screen and keyboard included)	60	60	
Laptop computer (CPU, mouse, screen and keyboard included)	1	1	
Notebook computers	0	0	
Notepad computers	0	0	
Printers	3	3	
Copying equipment (Photocopiers)	2	2	
Projectors	20	20	
Whiteboards	20	20	
Electrical & electronic typewriters	0	0	
Pocket & desk calculators	4	4	
Fax machines	0	0	
Telex	0	0	
Telephones	1	1	
Pay telephones	0	0	
Mobiles	1	1	
Answering systems	1	1	

No documents uploaded by the school.

11

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

Yes

No documents uploaded by the school.

11a

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

Authorised dismantler

## 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 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. DSCN7904.JPG



## FEEDBACK

1

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

No

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?

No

3(a)

If no, then please share your suggestions.

There should be a handout of the activities and forms to be filled.

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?

Improve waste disposal. Start 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	Average
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?

10.00

### Checklist of uploaded documents

1. Picture of School owned vehicles
2. Pictures of Green Cover
3. Pictures of respective audit teams doing survey