



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: MOUNT LITERA PUBLIC SCHOOL
Address: ULAO BEGUSARAI, BIHAR, ULAO
BEGUSARAI, BIHAR, BEGUSARAI,
Begusarai, Bihar, India
Coordinator Name: Amrit Kumar



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

MOUNT LITERA PUBLIC SCHOOL

2

Address

ULAO BEGUSARAI, BIHAR, ULAO BEGUSARAI, BIHAR, BEGUSARAI, Begusarai, Bihar, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 6243 (NUMBER) 245711

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 8544258567

5

Principal Name

Mrs. Sheetal Deva

6

GSP Coordinator Name

Amrit Kumar

7

GSP Coordinator Email

amritbhardwaj19889@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 7545999966

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:10

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	369	128	497
Teachers	14	14	28
Non-Teaching Staff	6	3	9
TOTAL	389	145	534

4(b) How many visitors visit your school

20

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

233

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

Sep, Oct, Nov

7 Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Bharat Kumar	Bharat Kumar
2.	Rajnee Jaiswal	mlps0010@gmail.com

Administrative staff

Sno.	Name	Email
1.	Amrit Kumar	mlps0010@gmail.com
2.	Deepak Kumar	mlps0010@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Sakshi	mlps0010@gmail.com	7
2.	Harsh		7
3.	Himanshu		7
4.	Ankit		7
5.	Vaishnavi		7
6.	Navneet		6
7.	Vaishnavi		6
8.	Shristi		6
9.	Jyoti		8
10.	Tanmay		6

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

1 How many classrooms does your school have?

22

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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Class I A and I B	450.00	264.00	58.67
Class II A and II B	450.00	264.00	58.67
Class III A and III B	450.00	264.00	58.67
Class IV A and IV B	450.00	264.00	58.67
Class V A and V B	450.00	264.00	58.67
Class VI A and VI B	450.00	264.00	58.67
Class VII A	450.00	264.00	58.67
Class VIII A	450.00	264.00	58.67
Class IX A	450.00	264.00	58.67
Class X A	450.00	264.00	58.67
TOTAL	4,500.00	2,640.00	

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?

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	3	0	4	0	7
No. of vehicles more than five years old	1	0	1	0	2
Air conditioned	0	0	0	0	0
No. of vehicles with PUC done	3	0	4	0	7
Parking area (m2)	400	0	246	0	646

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	3	0	0	0	0	0
Car	0	0	0	0	0	0
Van	4	0	0	0	0	0
Other vehicles	0	0	0	0	0	0
SUB-TOTAL	7	0	0	0	0	0

Supporting Documents

1. Fuel 1.jpg
2. Fuel 2.jpg
3. 1.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	250	5	0	255
Public Bus	0	0	0	0
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	4	0	4
Taxi four-wheeler	32	0	0	32
Taxi three-wheeler	15	0	0	15
Personal four-wheeler	50	2	0	52
Personal two-wheeler	0	15	5	20
Bicycle	50	2	4	56
On foot	0	0	0	0
Others (non-motorised)	100	0	0	100

SUB-TOTAL	497	28	9	534
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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?

No



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Mr. Bharat	mlps0010@gmail.com
2.	Miss. Soumita	mlps0010@gmail.com
3.	Mr. Amit	mlps0010@gmail.com

Administrative staff

Sno.	Name	Email
1.	Amrit Kumar	mlps0010@gmail.com
2.	Rajesh Kumar	mlps0010@gmail.com
3.	Deepak Kumar	mlps0010@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Babita Kumari	mlps0010@gmail.com	8
2.	Pratik Kumar		8
3.	Shobhit Jha		7
4.	Naman Dev		7
5.	Satyam Kumar		6
6.	Aman Kumar		7
7.	Sujeet Kumar		6
8.	Bhumika Kumari		8
9.	Samridhi Kumari		7
10.	Nishu Raj		6

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.jpg

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)	914	3290.40	1,5
Electricity from generator (diesel) (litres)	560	25536.00	1,5
Petrol (litres)	52	2428.40	4
Diesel (litres)	1021.94	46600.46	4
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)	19	980.40	3
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	2566.94	78835.66	

Supporting Documents

1. Fuel 1.jpg

2. Fuel 2.jpg

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	4	2	5
Refrigerator	3	200	5
Microwave	00	00	0
Tube Lights	25	60	0
CFL Bulbs	200	30	0
LED Lights	20	20	0
Fans	190	60	0

Supporting Documents

1. DSC03300.JPG
2. DSC03294.JPG
3. DSC03302.JPG

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

5

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

5

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.	Mrs. Rajnee	mlps0010@gmail.com
2.	Mrs. Rehana	mlps0010@gmail.com
3.	Miss. Neha	mlps0010@gmail.com

Administrative staff

Sno.	Name	Email
1.	Mrs. Meenu	mlps0010@gmail.com
2.	Mrs. Rimmi	
3.	Mrs. Kumkum	

Students

Sno.	Name	Email	Grade/Class
1.	Anup kumr	mlps0010@gmail.com	8
2.	Anuj Kumar		8
3.	Alok kumar		6
4.	Anand kumar		7
5.	Aman kumar		6
6.	Aklaque		6
7.	Ankita		6
8.	Anjali kumari		6
9.	Anwasha		6
10.	Amitabh		6

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

Supporting Documents

1. 1.JPG
2. 2.jpg

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

497.00

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

0.00

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	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	00	0

Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	00	00	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?

DAIRY MILK, KITKAT, BOURNVILLE, 5 STAR, PERK, Mangobite

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

No

Supporting Documents

1. Food.jpg



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Mr. Miraj	mlps0010@gmail.com
2.	Mr. Manish Madhukar	mlps0010@gmail.com
3.	Mr. Awdhesh	mlps0010@gmail.com

Administrative staff

Sno.	Name	Email
1.	Deepak Kumar Singh	mlps0010@gmail.com
2.	Deepak Kumar	
3.	Rajesh Kumar	

Students

Sno.	Name	Email	Grade/Class
1.	Suyash Kumar	mlps0010@gmail.com	8
2.	Neha Kumari		8
3.	Muskan Kumari		7
4.	Hrishav Kumar		7
5.	Anshima Manu		7
6.	Vinayak Kumar		6
7.	Yash Shree		6
8.	Taniya Raj		6
9.	Rasool		6
10.	Rishu		8

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

1

Complete the table:

	Your school's area
Site area in square meter (m ²)	8,244

Ground coverage area	1,140
Green landscaped area on-ground	1,400
Surface parking area	646
Play area that is paved/ concrete on ground	2,255
Play area that has grass on ground	855
Service Area on ground	23
Roof and terrace area	75
Green cover on exposed roof & terrace	0
Total built up/constructed area	1,140
Total no. of floors	4
Others	710

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	12	5	17
Animals	10	2	12

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. 4.jpg
2. 1.JPG
3. 3.JPG
4. Land 1.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Rajnee Jaiswal	mlps0010@gmail.com
2.	Kamlesh	mlps0010@gmail.com
3.	Chandan	mlps0010@gmail.com

Administrative staff

Sno.	Name	Email
1.	Deepak Kumar	mlps0010@gmail.com
2.	Rajesh Kumar	mlps0010@gmail.com
3.	Meenu Kumari	mlps0010@gmail.com
4.	Deepak Kumar	mlps0010@gmail.com
5.	Rahul Kumar	mlps0010@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Harsita Kumari	mlps0010@gmail.com	8
2.	Prabhat Kumar		8
3.	Devgaya		7
4.	Panna Singh		7
5.	Hrishav		7
6.	Vishal Kumar		6
7.	Shambhavi Kumari		6
8.	Sanno Rani		6
9.	Samyak Shwet		6
10.	Harsh Kumar		6

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	800
Toilet flushing	1000
Personal cleaning	400
Washing clothes	200
Cooking	000
Cleaning Utensils	5
Washing Vegetables	000
Mopping floors	1000
Gardening	1000
Total	4405

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

7-12 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?	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?	Yes
Does your school use appliances with a quick-wash setting?	Yes
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. 5.JPG
2. Our School Policy Our Water Conservation and Sanitation.doc

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).

200

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?	No

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?

17

9 How many hand pumps do you have?

1

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

16

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

	Girls	Boys	Common	Total
Number of toilets	16	16	6	38

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

32

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

6

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

Used for gardening and horticulture

Supporting Documents

1. Untitled-1.jpg



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Kamlesh Kumar	mlps0010@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ram Kumar	mlps0010@gmail.com
2.	Mohan Kumar	
3.	Gaytri Devi	

Students

Sno.	Name	Email	Grade/Class
1.	Samser	mlps0010@gmail.com	8
2.	Kanad		8
3.	Imran		8
4.	Swarn Jyoti		7
5.	Parmindar		7
6.	Zufa		7
7.	Kajal		7
8.	Himanshi		6
9.	Taqueer		6
10.	Shivraj		8

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)

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	22	0	0	0	22
Playgrounds	6	0	5	0	1
Common area (e.g. reception, corridors)	4	0	1	0	3
Staffroom	1	0	0	1	0
Laboratory	1	0	1	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	1	0	1	0	0
Library	2	0	0	2	0
Toilets	1	0	1	0	0
Others	5	0	5	0	0
Total	43	0	14	3	26

Supporting Documents

1. 1.JPG
2. DSC03190.JPG

Task 3: How much waste does your school generate?

	Collection per month (Frequency may differ)
Garden/ horticulture waste	5.5

Kitchen waste	0
Paper	7
Plastic	.5
Wood, glass, metal, classroom furniture	5
E-waste	.9
Biomedical waste	0.030
Sanitary waste	1
Construction and Demolition (C & D) waste	0
Hazardous waste	0.5
Total Generated Solid Waste (in kilogram)	20.43

Supporting Documents

1. 1.JPG

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	4
Kitchen waste	0
Paper	4
Plastic	0
Wood, glass, metal, classroom furniture	4
E-waste	0.5
Biomedical waste	0.010
Sanitary waste	0.5

Construction and Demolition (C & D) waste	0
Hazardous waste	0.250
Total (in kilogram)	13.26

5 Does your school have a composting facility?

Yes

Supporting Documents

1. 1.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)?

2.00

5c What is the purpose of the compost that is generated per month?

For 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)	✗	✓	✗	✗

Supporting Documents

1. 1.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. 4.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	1	1	0
VCR or DVD players	1	1	0
Refrigerators and freezers	1	1	0
Washing machines	1	1	0
Air conditioners	3	3	0
Heaters	0	0	0
Microwaves	0	0	0

Ovens	0	0	0
Toasters	0	0	0
Electric Kettles	1	1	0
Personal computers (CPU, mouse, screen and keyboard included)	25	25	0
Laptop computer (CPU, mouse, screen and keyboard included)	20	20	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	6	6	0
Copying equipment (Photocopiers)	6	6	0
Projectors	6	6	0
Whiteboards	6	6	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	3	3	0
Fax machines	1	0	1
Telex	0	0	0
Telephones	6	6	0
Pay telephones	1	1	0
Mobiles	6	6	0
Answering systems	0	0	0

Supporting Documents

1. 2.JPG
2. DSC03302.JPG

Supporting Documents

1. 20161116_164116.jpg

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

Waste Policy.doc

13

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

Yes

Supporting Documents

1. 3.JPG

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

Supporting Documents

1. waste.JPG



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?

we want one complete structured format with pictures of one of schools who has already bagged and availed the pleasure of being called as “ A Green School “ just to put our Mount Litera on the same track.

8

How would you rate the overall design of the audit?

Aspect	Good / Average /Bad
Content	Average
Distribution of time among tasks	Average

Sequencing of tasks	Average
Orientation for conducting tasks	Average

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?

More than twice

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?

70.00

Checklist of uploaded documents

1. Fuel Bills
2. Picture of School owned vehicles
3. Electricity Bill
4. Picture of 5 star appliances used by school
5. Photographs of lunch boxes
6. Pictures of landscaped area
7. Building construction plan
8. Pictures of dustbins in classroom showing segregation at source
9. Pictures of playground with more than two dustbins
10. Picture of audit team weighing solid waste
11. Picture of types of solid waste generated
12. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers, etc
13. Pictures of housekeeping staff disposing different types of solid waste
14. Pictures of Electronic items used by school and storage of non-working electronic items
15. Certificate of disposing e-waste from authorised dealer/dismantler
16. Waste Policy
17. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc

18. Pictures of respective audit teams doing survey