

Responses for Green Schools Programme Audit 2016

School Name: mount litera zee school

Address: roorkee, roorkee, Haridwar, Uttarakhand,

India

Coordinator Name: sonia



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 zee school

2 Address

roorkee, roorkee, Haridwar, Uttarakhand, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 1332 (NUMBER) 297510

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 8439121202

5 Principal Name

munmun chakraborty

6 GSP Coordinator Name

sonia

GSP Coordinator Email

soniavats007@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 8171773722

Gategory 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:8

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	643	322	965
Teachers	2	43	45
Non-Teaching Staff	14	2	16
TOTAL	659	367	1026

4(b) How many visitors visit your school

11

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

308

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

May, Aug, Sep, Oct, Nov, Dec

Where is the school located?

Urban Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Ms.Swati Gutam	Ms.Swati Gutam
2.	Ms.Sheeza	info@mountliterark.in
3.	Ms.Silki Mehta	info@mountliterark.in

Administrative staff

Sno.	Name	Email
1.	Mr.Sanjay Arora	info@mountliterark.in
2.	Mr.Ankit.Verma	info@mountliterark.in

Students

Sno.	Name	Email	Grade/Class
1.	Yatharth singh	mlzsrkgsp@gmail.com	8
2.	Prakriti Thakur	mlzsrkgsp@gmail.com	8
3.	Asana Shekhar	mlzsrkgsp@gmail.com	8
4.	Arya Yadav	mlzsrkgsp@gmail.com	8
5.	Sareena	mlzsrkgsp@gmail.com	8
6.	Aanya	mlzsrkgsp@gmail.com	8

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

How many classrooms does your school have?

35

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)
lla	48.76	6.46	13.25
IIb	48.76	6.46	13.25

ld	48.76	6.46	13.25
le	48.76	6.46	13.25
UKGc	48.76	6.46	13.25
UKG b	48.76	6.46	13.25
Illa	48.76	6.46	13.25
IIIb	48.76	6.46	13.25
VIIIa	48.76	6.46	13.25
VIIIc	48.76	6.46	13.25
TOTAL	487.60	64.60	

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-owned vehicles

3(a) Provide details of school-owned motorized vehicles .

	Buses	Cars	Vans	Others	Total
No. of vehicles	14	2	1	0	17
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	14	2	1	0	17
Parking area (m2)	520.02	0	0	0	520.02

Supporting Documents

1. PUC.pdf

Specify the type of fuel used by your school vehicles:

	Diesel	Petrol	LPG	CNG	Electric	Hybrid
Bus	14	0	0	0	0	0
Car	1	0	0	0	0	0
Van	1	0	0	0	0	0
Other vehicles	0	0	0	0	0	0
SUB-TOTAL	16	0	0	0	0	0

- 1. Bus Pic Small.jpg
- 2. Winger Pic Small.jpg
- 3. Fuel Bill.pdf

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	900	45	6	951
Public Bus	0	0	0	0
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	0	3	3
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	0	0	0	0
Personal four-wheeler	30	2	0	32
Personal two-wheeler	35	4	0	39
Bicycle	0	1	0	1
On foot	0	0	0	0
Others (non-motorised)	0	0	0	0

SUB-TOTAL 965 52 9 1026

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

How many students suffer from respiratory ailments?

0

Does the school laboratory have air quality monitoring equipment?

No

No documents uploaded by the school.

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.	Ms.Deepanwita	info@mountliterark.in
2.	Ms.Shuchi	info@mountliterark.in
3.	Ms.Swati Prajapati	info@mountliterark.in

Administrative staff

Sno.	Name	Email
1.	Mr.Mahendra	info@mountliterark.in
2.	Mr.Jaspreet	info@mountliterark.in

Students

Sno.	Name	Email	Grade/Class
1.	Aaditya Goel	mlzsrkgsp@gmail.com	8
2.	kalpika	mlzsrkgsp@gmail.com	8
3.	aayushi	mlzsrkgsp@gmail.com	8
4.	Mehak	mlzsrkgsp@gmail.com	7
5.	Aryavansh	mlzsrkgsp@gmail.com	7

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. Electricity Bill.pdf

2

Does your school have its own vehicles?

Yes

	Quantity consumed/monthly average	Energy consumed in Megajoules (MJ)	Type of use
Electricity from the board (kwh)	7464	26870.40	1
Electricity from generator (diesel) (litres)	150	6840.00	1
Petrol (litres)	0	0.00	0
Diesel (litres)	56.88	2593.73	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)	0	0.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	7670.88	36304.13	

1. Fuel Bill.pdf

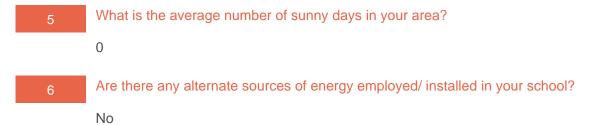
What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	9	2	3
Refrigerator	1	165	4
Microwave	1	20	3

Tube Lights	20	60	3
CFL Bulbs	0	0	0
LED Lights	0	0	0
Fans	40	40	2

No documents uploaded by the school.

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



No documents uploaded by the school for energy chapter.



Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	Ms.Lipika Lekhi	info@mountliterark.in
2.	Ms.Garima Gulati	info@mountliterark.in
3.	Ms.Kavita Mankotia	info@mountliterark.in

Administrative staff

Sno.	Name	Email
1.	Mr.Ankit Verma	info@mountliterark.in
2.	Mr.Mohit Prakash Sharma	info@mountliterark.in

Students

Sno.	Name	Email	Grade/Class
1.	Sheryal Arya	mlzsrkgsp@gmail.com	8
2.	Sherya	mlzsrkgsp@gmail.com	7
3.	Shaleha	mlzsrkgsp@gmail.com	7
4.	Akansh	mlzsrkgsp@gmail.com	8
5.	Aayushi Kaira	mlzsrkgsp@gmail.com	8
6.	Amit	mlzsrkgsp@gmail.com	8

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

No

2 Does your school serve midday meals?

No

Do students bring their own lunch from home?

Yes

- 1. thumbs_DSC01714.JPG
- 2. thumbs_DSC01717.JPG
- 3. thumbs_DSC01720.JPG
- 4. thumbs_DSC01724.JPG
- 5. Lunch Boxes.jpg

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

965.00

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

0.00

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	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	0	0

Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	0	0	
Packaged/Bottled Energy Drinks	0	0	0	

No documents uploaded by the school.

No

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?

No

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

Yes

7(a) Please provide the names?

laddoos

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

No

Supporting Documents

- 1. thumbs DSC01709.JPG
- 2. Survey.jpg



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Ms.Sonia	info@mountliterark.in
2.	Ms.Lakshmi	info@mountliterark.in

Administrative staff

Sno.	Name	Email
1.	Mr.Pankaj	info@mountliterark.in
2.	Mr.Ram	info@mountliterark.in

Students

Sno.	Name	Email	Grade/Class
1.	Krishna	mlzsrkgsp@gmail.com	6
2.	Krishna	mlzsrkgsp@gmail.com	7
3.	Yamini	mlzsrkgsp@gmail.com	7
4.	Vanshika	mlzsrkgsp@gmail.com	7
5.	M.Harish	mlzsrkgsp@gmail.com	7
6.	Aayauhi	mlzsrkgsp@gmail.com	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)	5,000
Ground coverage area	4,047
Green landscaped area on-ground	4,047
Surface parking area	520
Play area that is paved/ concrete on ground	2,000
Play area that has grass on ground	4,047

Service Area on ground	17,000
Roof and terrace area	17,000
Green cover on exposed roof & terrace	0
Total built up/constructed area	17,000
Total no. of floors	2
Others	0

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	12	17
Animals	0	0	0

Task 4: Find out if your school uses pesticides

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

No

Supporting Documents

- 1. fete_-1.JPG
- 2. fete_-3.JPG
- 3. fete_-15.JPG
- 4. First Floor Plan.pdf
- 5. Ground Floor Plan.pdf



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Ms.Deepika Bhatia	info@mountliterark.in
2.	Ms.Chandani	info@mountliterark.in

Administrative staff

Sno.	Name	Email
1.	Ms.Sumbul	info@mountliterark.in
2.	Ms.Madhu	info@mountliterark.in

Students

Sno.	Name	Email	Grade/Class
1.	Pari Aggrawal	mlzsrkgsp@gmail.com	6
2.	Radhy Singh	mlzsrkgsp@gmail.com	6
3.	RamanRaj	mlzsrkgsp@gmail.com	4
4.	Avni	mlzsrkgsp@gmail.com	6
5.	Udit Malik	mlzsrkgsp@gmail.com	6
6.	Sugatri	mlzsrkgsp@gmail.com	6

Task 2: How much water does your school use?

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	1000
Toilet flushing	1800
Personal cleaning	0
Washing clothes	0
Cooking	0
Cleaning Utensils	500

Washing Vegetables	0
Mopping floors	150
Gardening	150
Total	3600

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

Does your school get daily water supply?
Yes

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?	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?	Yes
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. thumbs_go_green_3.JPG
- 2. thumbs_DSC02318.JPG
- 3. thumbs DSC02307.JPG
- 4. DSC01770.JPG
- 5. DSC01750.JPG

Task 5: Does your school harvest rainwater?

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

No

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

16750530

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

8 How many drinking water taps do you have?
8

How many hand pumps do you have?

0

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

20

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

	Girls	Boys	Common	Total
Number of toilets	16	16	0	32

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

16

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

6

Is 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

16(a) If yes, please specify

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?

Yes

18(a)

How does your school reuse wastewater?

Gardening

No documents uploaded by the school.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Ms.Neha	info@mountliterark.in
2.	Ms.Megha	info@mountliterark.in
3.	Ms.Sulochna	info@mountliterark.in

Administrative staff

Sno.	Name	Email
1.	Mr.Sanjay Arora	info@mountliterark.in
2.	Mr.Mahendra Bhandari	info@mountliterark.in

Students

Sno.	Name	Email	Grade/Class
1.	Bhoomika Mittal	mlzsrkgsp@gmail.com	8
2.	Bhoomika Talwar	mlzsrkgsp@gmail.com	8
3.	Shreshtha Tomar	mlzsrkgsp@gmail.com	8
4.	Priyam Pal	mlzsrkgsp@gmail.com	8
5.	Avni Sharma	mlzsrkgsp@gmail.com	4
6.	Aaditya Negi	mlzsrkgsp@gmail.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. 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	1	0	1	0	0
Playgrounds	6	0	2	4	0
Common area (e.g. reception, corridors)	4	0	2	2	0
Staffroom	6	0	4	2	0
Laboratory	4	0	2	2	0
Canteen	0	0	0	0	0
Clinic/ Sick room	3	0	2	1	0
Library	2	0	2	0	0
Toilets	12	0	8	4	0
Others	6	0	6	0	0
Total	44	0	29	15	0

- 1. Dustbins at Play Ground.jpg
- 2. Dustbin in Classes.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	75
Kitchen waste	25
Paper	50
Plastic	15
Wood, glass, metal, classroom furniture	10
E-waste	0
Biomedical waste	0
Sanitary waste	8

Construction and Demolition (C & D) waste	200
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	383

- 1. Dumping Place.jpg
- 2. Cleaning of Dumping Area.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	75
Kitchen waste	0
Paper	0
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)	75

Does your school have a composting facility?

Yes

5

- 1. Composite Pit.jpg
- 2. Dumping of Garbage in Pit.jpg
- 3. compost.jpg

What is the methodology used?

Natural composting without added microbes

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

20.00

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

For school garden

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)	×	×	×	4
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)	×	×	×	4

- 1. Composite Pit.jpg
- 2. 8679a_Composting_6788436159_d788d8c9df.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. Cleaning of Dumping Area.jpg
- 2. Burning of Garbage.jpg
- 3. Dumping of Garbage in Pit.jpg

9

Does your school burn waste?

Yes

Supporting Documents

1. Burning of Garbage.jpg

9a

Where does your school burn waste?

Outside the school

9b

What kind of waste is being burnt/ incinerated?

Horticultural

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	1	1	

Washing machines	0	0	0
Air conditioners	6	6	0
Heaters	1	1	0
Microwaves	1	1	0
Ovens	0	0	0
Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	75	75	0
Laptop computer (CPU, mouse, screen and keyboard included)	11	11	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	2	2	0
Copying equipment (Photocopiers)	1	1	0
Projectors	24	24	0
Whiteboards	50	50	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	4	4	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	9	9	0
Pay telephones	0	0	0
Mobiles	2	2	0
Answering systems	0	0	0

- 1. Computers.jpg
- 2. White Boards.jpg

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?

No

13

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

Yes

Supporting Documents

- 1. thumbs_DSC01600.JPG
- 2. thumbs_save_tree_-6.JPG
- 3. thumbs_save_tree_-2.JPG
- 4. thumbs_save_tree_-1.JPG

13a

What form do these awareness drives take?

As part of extracurricular activities such as guest lectures

14

Is the study of the environment integrated into the curriculum?

Yes

Supporting Documents

- 1. thumbs_save_tree_-2.JPG
- 2. thumbs_20160407_080415.jpg
- 3. thumbs_DSC01470.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

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?

Some workshop and resource person coming to our school would be of great help and would help us to further enhance our processes.

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	Average

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?

Never

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?

36.00

Checklist of uploaded documents

- 1. PUC certificates of not more than five buses
- 2. Picture of Air Quality Monitoring equipment of school
- 3. Fuel Bills
- 4. Picture of School owned vehicles
- 5. Electricity Bill
- 6. Photographs of lunch boxes
- 7. Pictures of Green Cover
- 8. Pictures of landscaped area
- 9. Building construction plan
- 10. Pictures of dustbins in classroom showing segregation at source
- 11. Pictures of playground with more than two dustbins
- 12. Picture of types of solid waste generated
- 13. Pictures of recycling units composting pit, paper recycling machine, selling paper to kabadiwala, recyclers,etc
- 14. Pictures of housekeeping staff disposing different types of solid waste
- 15. Pictures of burning waste
- 16. Pictures of Electronic items used by school and storage of non-working electronic items
- 17. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
- 18. Pictures of respective audit teams doing survey