



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: Lord Mahavira Jain Public School
Address: Scheme No -3, Hohsiarpur Road ,
Phagwara, Phagwara, Kapurthala,
Punjab, India
Coordinator Name: Amardeep Singh



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

Lord Mahavira Jain Public School

2

Address

Scheme No -3, Hohsiarpur Road , Phagwara, Phagwara, Kapurthala, Punjab, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 1824 (NUMBER) 229222

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9914122085

5

Principal Name

Nirkesh Sharma

6

GSP Coordinator Name

Amardeep Singh

7

GSP Coordinator Email

nirkesh_sharma@yahoo.co.in

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9915321904

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	1132	1086	2218
Teachers	6	104	110
Non-Teaching Staff	1	4	5
TOTAL	1139	1194	2333

4(b)

How many visitors visit your school

8000

5

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

230

6

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

Aug, Sep, Oct

7

Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Sarabjeet Kaur	Sarabjeet Kaur
2.	Anterpreet Kaur	lmjpsphagwara@gmail.com

Administrative staff

Sno.	Name	Email
1.	Atul	lmjpsphagwara@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Samidha	lmjpsphagwara@gmail	8
2.	Jaskiran Kaur	lmjpsphagwara@gmail	8
3.	Jaskaran Singh Khaira	lmjpsphagwara@gmail	8
4.	Puneet	lmjpsphagwara@gmail	8
5.	Sakshi	lmjpsphagwara@gmail	8
6.	Adatiya	lmjpsphagwara@gmail	7
7.	Sukhwinder	lmjpsphagwara@gmail	7
8.	Tashu	lmjpsphagwara@gmail	7
9.	Vanshita	lmjpsphagwara@gmail	7
10.	Ansh Gogna	lmjpsphagwara@gmail	7

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

1 How many classrooms does your school have?

85

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)
1	266.00	246.00	92.48

2	266.00	246.00	92.48
3	350.00	246.00	70.29
4	350.00	246.00	70.29
5	350.00	246.00	70.29
6	350.00	246.00	70.29
7	350.00	246.00	70.29
8	350.00	246.00	70.29
9	286.00	286.00	100.00
10	286.00	286.00	100.00
TOTAL	3,204.00	2,540.00	

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?

Operator-owned vehicles

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	0	0	0	0
Public Bus	615	15	0	630
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	178	2	0	180
Personal four-wheeler	165	0	0	165
Personal two-wheeler	88	90	0	178
Bicycle	495	0	0	495

On foot	681	4	0	685
Others (non-motorised)	0	0	0	0
SUB-TOTAL	2222	111	0	2333

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.	Deepmala Pandey	deep_nirkesh@yahoo.co.in

Administrative staff

Sno.	Name	Email
1.	Atul	

Students

Sno.	Name	Email	Grade/Class
1.	PALAK	lmjpsphagwara@gmail.com	10
2.	MADHUR	lmjpsphagwara@gmail.com	10
3.	MADHAV	lmjpsphagwara@gmail.com	10
4.	JASPREET	lmjpsphagwara@gmail.com	10
5.	JAYANT	lmjpsphagwara@gmail.com	10
6.	SANGEETA	lmjpsphagwara@gmail.com	10
7.	JATIN BHALLA	lmjpsphagwara@gmail.com	10
8.	KARAN	lmjpsphagwara@gmail.com	10
9.	KIRANPREET	lmjpsphagwara@gmail.com	10
10.	ALISHA	lmjpsphagwara@gmail.com	10

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. SAM_1325.JPG
2. SAM_1326.JPG

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)	32187	115873.20	1,3,5
Electricity from generator (diesel) (litres)	0	0.00	0
Petrol (litres)	0	0.00	0
Diesel (litres)	20	912.00	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)	0	0.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	32207.00	116785.20	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	8	1.5	4
Refrigerator	3	160	3

Microwave	0	0	0
Tube Lights	150	40	4
CFL Bulbs	130	20	0
LED Lights	50	10	0
Fans	460	100	3

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?

130

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.	Babban	lmjpsphagwara@gmail.com
2.	Divya Jyoti	lmjpsphagwara@gmail.com
3.	Pooja	lmjpsphagwara@gmail.com

Administrative staff

Sno.	Name	Email
1.	Atul	lmjpsphagwara@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Ramneet Singh	lmjpsphagwara@gmail.com	11
2.	Tarish	lmjpsphagwara@gmail.com	11
3.	Heena	lmjpsphagwara@gmail.com	11
4.	Monika	lmjpsphagwara@gmail.com	11
5.	Madhur	lmjpsphagwara@gmail.com	10
6.	Jatin	lmjpsphagwara@gmail.com	10
7.	Sukhdeep Kaur	lmjpsphagwara@gmail.com	10
8.	Guneet Kaur	lmjpsphagwara@gmail.com	10
9.	Jaspreet	lmjpsphagwara@gmail.com	10
10.	Kushi	lmjpsphagwara@gmail.com	10

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?

2325.00

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	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.

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?

No

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.	Sucheta	Imjpsphagwara@gmail.com
2.	Roma	Imjpsphagwara@gmail.com
3.	Ashwani	Imjpsphagwara@gmail.com

Administrative staff

Sno.	Name	Email
1.	Atul	Imjpsphagwara@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Nandini	Imjpsphagwara@gmail.com	10
2.	Gautam	Imjpsphagwara@gmail.com	10
3.	Avni	Imjpsphagwara@gmail.com	10
4.	Kunal Verma	Imjpsphagwara@gmail.com	10
5.	Rushali	Imjpsphagwara@gmail.com	10
6.	Divya Chauhan	Imjpsphagwara@gmail.com	10
7.	Shivam Guleria	Imjpsphagwara@gmail.com	10
8.	Mehak	Imjpsphagwara@gmail.com	10
9.	Karamjit	Imjpsphagwara@gmail.com	10
10.	Raghav	Imjpsphagwara@gmail.com	10

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)	28,560
Ground coverage area	12,100
Green landscaped area on-ground	880

Surface parking area	3,000
Play area that is paved/ concrete on ground	12,100
Play area that has grass on ground	200
Service Area on ground	100
Roof and terrace area	12,900
Green cover on exposed roof & terrace	180
Total built up/constructed area	12,900
Total no. of floors	3
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	100	5	105
Animals	0	0	0

Task 4: Find out if your school uses pesticides

4

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

No

No documents uploaded by the school.



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Suman Lata	lmjpsphagwara@gmail.com
2.	Sakshi Ohri	lmjpsphagwara@gmail.com

Administrative staff

Sno.	Name	Email
1.	Atul	lmjpsphagwara@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Ravneet Kaur	lmjpsphagwara@gmail.com	
2.	Jiya Kalra	lmjpsphagwara@gmail.com	
3.	Jaissy Kalra	lmjpsphagwara@gmail.com	
4.	Himanshu Basra	lmjpsphagwara@gmail.com	
5.	Lalit Banger	lmjpsphagwara@gmail.com	
6.	Mansi	lmjpsphagwara@gmail.com	
7.	Agrim sood	lmjpsphagwara@gmail.com	
8.	Arshpreet Singh	lmjpsphagwara@gmail.com	
9.	Jaismeen Kaur	lmjpsphagwara@gmail.com	
10.	Gautam Anand	lmjpsphagwara@gmail.com	

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	3750
Toilet flushing	5035
Personal cleaning	1000
Washing clothes	500

Cooking	20
Cleaning Utensils	20
Washing Vegetables	0
Mopping floors	250
Gardening	1000
Total	11575

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

2-6 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?

Yes

6(a)

Does your school harvest different catchments?.

Yes

6(a)(1)

Which is the catchment area being harvested by your school?

Rooftop

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

2.00

6(b)(1)(ii)

Please tick the type of groundwater recharge structure used in your school:

Recharge through abandoned dug well

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

Recharge structure

6(e)

Rate your catchment on cleanliness:

Good

Supporting Documents

1. 20161117_123618.jpg
2. 20161117_123341.jpg
3. 20161117_122928.jpg
4. 20161117_121826.jpg
5. 20161117_122211.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?

Do not follow any such pattern

6(g)

Does your school monitor the rainwater harvesting structure for its efficiency?

Yes

6(g)(1)

Please specify when does your school monitor the groundwater level?

Do not follow any such pattern

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?

47

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	27	20	2	49

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

36

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

4

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. 20161117_123623.jpg



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Anu Kumra	lmjpsphagwara@gmail.com

Administrative staff

Sno.	Name	Email
1.	Atul	lmjpsphagwara@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Muskan	lmjpsphagwara@gmail.com	11
2.	Nitika	lmjpsphagwara@gmail.com	11
3.	Prabhjot	lmjpsphagwara@gmail.com	11
4.	Payal	lmjpsphagwara@gmail.com	11
5.	Manreet	lmjpsphagwara@gmail.com	11
6.	Ishita	lmjpsphagwara@gmail.com	11
7.	Palak	lmjpsphagwara@gmail.com	11
8.	Karan	lmjpsphagwara@gmail.com	11
9.	Rahul	lmjpsphagwara@gmail.com	11
10.	Rishab	lmjpsphagwara@gmail.com	11

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. 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	87	0	85	2	0
Playgrounds	1	0	0	0	1
Common area (e.g. reception, corridors)	6	0	4	2	0
Staffroom	3	0	3	0	0
Laboratory	3	0	2	1	0
Canteen	0	0	0	0	0
Clinic/ Sick room	1	0	0	1	0
Library	1	0	1	0	0
Toilets	19	0	19	0	0
Others	4	0	4	0	0
Total	125	0	118	6	1

No documents uploaded by the school.

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	1500
Kitchen waste	20
Paper	200
Plastic	50
Wood, glass, metal, classroom furniture	100
E-waste	2
Biomedical waste	1

Sanitary waste	50
Construction and Demolition (C & D) waste	1000
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	2923

Supporting Documents

1. 20161117_134724.jpg
2. SAM_1384.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	1500
Kitchen waste	20
Paper	200
Plastic	10
Wood, glass, metal, classroom furniture	100
E-waste	2
Biomedical waste	0.5
Sanitary waste	50
Construction and Demolition (C & D) waste	1000
Hazardous waste	0
Total (in kilogram)	2882.5

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)	✗	✗	✓	✗

Supporting Documents

1. 20161117_145454.jpg
2. 20161117_135751.jpg
3. 20161117_135104.jpg
4. 20161117_140040.jpg
5. 20161117_135619.jpg

Task 5: How does your school dispose waste?

8

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

Open dumping

Supporting Documents

1. SAM_7155.JPG
2. SAM_7153.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	3	3	0
VCR or DVD players	1	1	0
Refrigerators and freezers	3	3	0
Washing machines	0	0	0
Air conditioners	8	8	0
Heaters	3	3	0
Microwaves	0	0	0
Ovens	5	5	0
Toasters	0	0	0
Electric Kettles	1	1	0
Personal computers (CPU, mouse, screen and keyboard included)	63	53	10
Laptop computer (CPU, mouse, screen and keyboard included)	5	5	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	5	5	0
Copying equipment (Photocopiers)	1	1	0
Projectors	4	4	0
Whiteboards	6	6	0

Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	5	5	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	6	6	0
Pay telephones	2	2	0
Mobiles	3	3	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?

No

13

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

Yes

Supporting Documents

1. SAM_7316.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. SAM_1385.JPG
2. dustbin area.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

4

Was the audit easy-to-understand and self-explanatory?

No

5

Did you understand the present format of the GSP?

No

6

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

No

7

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

8

How would you rate the overall design of the audit?

Aspect	Good / Average /Bad
Content	
Distribution of time among tasks	
Sequencing of tasks	
Orientation for conducting tasks	

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?

No

11

How many times did you contact the Green Schools Programme Team for guidance and counseling?

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?

No

13

Did your students enjoy doing the Water activities?

No

Checklist of uploaded documents