



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: Mount Litera Zee School Jamshedpur
Address: NH-33, Near Pardih Chowk, , Behind Citi
Inn Hotel, Tamulia, Jamshedpur,
Seraikela, Jharkhand, India
Coordinator Name: Akshay Agrawal



AIR



ENERGY



FOOD



LAND



WATER



WASTE

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

Mount Litera Zee School Jamshedpur

2

Address

NH-33, Near Pardih Chowk, , Behind Citi Inn Hotel, Tamulia, Jamshedpur, Seraikela, Jharkhand, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 657 (NUMBER) 2221853

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9263888888

5

Principal Name

Kabita Agrawal

6

GSP Coordinator Name

Akshay Agrawal

7

GSP Coordinator Email

akshayagrawal18@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9952657432

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 | 277 | 646 |
| Teachers | 6 | 35 | 41 |
| Non-Teaching Staff | 4 | 6 | 10 |
| TOTAL | 379 | 318 | 697 |

4(b)

How many visitors visit your school

650

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?

June, July, Aug, Sep, Oct

7

Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

| Sno. | Name | Email |
|------|------------------|-------------------------|
| 1. | ANUSHRIYA SHARMA | ANUSHRIYA SHARMA |
| 2. | C V JAYANTI | jayantis.1974@gmail.com |

Administrative staff

| Sno. | Name | Email |
|------|-----------------|----------------------|
| 1. | MUSHTAQUE JAHAN | mjahan16@gmail.com |
| 2. | POONAM SINGH | mlzspoonam@gmail.com |

Students

| Sno. | Name | Email | Grade/Class |
|------|------------------|-----------------------------|-------------|
| 1. | AAMIR NASEEM | naseem.ahmed35@gmail.com | 8 |
| 2. | ADARSH MANDAL | samenmandal936@gmail.com | 8 |
| 3. | AKSHAT NANDA | akshatnanda23@gmail.com | 8 |
| 4. | AMISHA CHOUDHARY | aratichoudhary184@gmail.com | 8 |
| 5. | ANAM RASHID | mlzsjsexcellence@gmail.com | 8 |

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) |
|-------------------------------------------------------|----------------------------|-------------------------------|--------------------------------------------------------------|
| Nursery | 600.00 | 164.00 | 27.33 |
| Sr Kg | 600.00 | 164.00 | 27.33 |
| Class I | 600.00 | 164.00 | 27.33 |
| Class II | 600.00 | 188.00 | 31.33 |

| | | | |
|--------------|-----------------|-----------------|-------|
| Class III | 600.00 | 188.00 | 31.33 |
| Class IV | 600.00 | 188.00 | 31.33 |
| Class V | 600.00 | 164.00 | 27.33 |
| Class VII | 495.00 | 124.00 | 25.05 |
| Class IX | 495.00 | 124.00 | 25.05 |
| Class X | 495.00 | 124.00 | 25.05 |
| TOTAL | 5,685.00 | 1,592.00 | |

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 | 205 | 12 | 6 | 223 |
| Public Bus | 0 | 0 | 0 | 0 |
| School Transport(Other than bus) | 309 | 5 | 0 | 314 |
| Public transport (other than bus, Metro, car pool) | 0 | 0 | 0 | 0 |
| Taxi four-wheeler | 84 | 0 | 0 | 84 |
| Taxi three-wheeler | 0 | 0 | 0 | 0 |
| Personal four-wheeler | 41 | 4 | 2 | 47 |
| Personal two-wheeler | 0 | 20 | 1 | 21 |
| Bicycle | 7 | 0 | 1 | 8 |
| On foot | 0 | 0 | 0 | 0 |
| Others (non-motorised) | 0 | 0 | 0 | 0 |

| | | | | |
|-----------|-----|----|----|-----|
| SUB-TOTAL | 646 | 41 | 10 | 697 |
|-----------|-----|----|----|-----|

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

5

How many students suffer from respiratory ailments ?

6

6

Does the school laboratory have air quality monitoring equipment?

Yes

Supporting Documents

1. Jain Travels.JPG
2. Monitor.JPG
3. Bio Lab.JPG
4. Chem Lab.JPG
5. Opening Details - Sample.pdf



ENERGY

Task 1: Energy Audit Team

Teachers

| Sno. | Name | Email |
|------|-------------------|----------------------------|
| 1. | AKSHAY AGRAWAL | akshayagrawal18@gmail.com |
| 2. | DEBOLINA BHOWMICK | debolinabhowmick@gmail.com |

Administrative staff

| Sno. | Name | Email |
|------|--------------|--------------------------|
| 1. | SUDHIR SINHA | sudhir.sinha86@gmail.com |

Students

| Sno. | Name | Email | Grade/Class |
|------|-----------------|----------------------------|-------------|
| 1. | DEBOBRATA LAHA | lahaknight0@gmail.com | 8 |
| 2. | ARSHEEN MONAWER | akhter.zeeshan@yahoo.com | 8 |
| 3. | FARHAN IMDAD | farhanimdad12@gmail.com | 8 |
| 4. | ISHIKA DHOKEY | mlzsjsrexcclence@gmail.com | 8 |
| 5. | AKRITI KUMARI | akritikumari889@gmail.com | 8 |

Task 2: How much energy does your school consume?

1 Does your school have access to an electricity bill?

Yes

Supporting Documents

1. Jharkhand Bijli Vitran Nigam Lim.pdf

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) | 4050 | 14580.00 | 1,3,5 |
| Electricity from generator (diesel) (litres) | 225 | 10260.00 | 1,5 |
| Petrol (litres) | 0 | 0.00 | 0 |
| Diesel (litres) | 0 | 0.00 | 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) | 23 | 1186.80 | 3 |
| Piped Natural Gas (kilogrammes) | 0 | 0.00 | 0 |
| TOTAL | 4298.00 | 26026.80 | |

Supporting Documents

1. IMG-20161031-WA0003.jpg
2. IMG-20161031-WA0005.jpg

4

What appliances does your school have?

| | Number | Size | BEE Star Rating |
|------------------|--------|------|-----------------|
| Air Conditioners | 10 | 2.5 | 3 |
| Refrigerator | 2 | 165 | 4 |
| Microwave | 0 | 0 | 0 |

| | | | |
|-------------|-----|-----|---|
| Tube Lights | 60 | 30 | 4 |
| CFL Bulbs | 0 | 0 | 0 |
| LED Lights | 302 | 15 | 4 |
| Fans | 214 | 150 | 4 |

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?

260

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. | KULJEET KAUR | kuljeet0974.juneja@gmail.com |
| 2. | KARUNA SINHA | sinhakaruna@gmail.com |

Administrative staff

| Sno. | Name | Email |
|------|-------------|---------------------------|
| 1. | V. ANURADHA | anuvahinipati21@gmail.com |

Students

| Sno. | Name | Email | Grade/Class |
|------|-----------------|----------------------------|-------------|
| 1. | RASHI BAGARIA | bagariaanu7@gmail.com | 8 |
| 2. | SHEEN SIDDIQUEE | mlzsjsrexcclence@gmail.com | 8 |
| 3. | MRIDUL KASHYAP | mohitkashyap.hti@gmail.com | 8 |
| 4. | ZOHAIB R. KHAN | mlzsjsrexcclence@gmail.com | 8 |
| 5. | RITIKA KINNI | mlzsjsrexcclence@gmail.com | 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?
Yes

No documents uploaded by the school.

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?

Yes

4(a)

Please provide the details:

| | Number of plates sold when on the menu |
|-----------------------|----------------------------------------|
| Samosas | 0 |
| Idli/vada and sambhar | 93 |
| Pav bhaji | 0 |
| Momos | 0 |

| | |
|--------|-----|
| Others | 646 |
|--------|-----|

4(b) Give descriptions for rare local snacks served in your school:?

Mathri, Nimkis, Badam Chikkis, Murkur, Chuda-Badam, Roasted Groundnuts, Banana-chips, Corn sticks, Rose Flour wheat-Sweet, etc., these are healthy tit bits offered to students at the dismissal time to take care of their interest to munch something while travelling back home. These are well made and local in origin, blends with the Jharkhand tradition.

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 | 646 |
| Sweet lassi | 0 |
| Salted butter milk | 0 |
| Aam Panna | 0 |
| Others | 646 |

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?

Traditional Indian Sweets

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

No

Supporting Documents

1. Audit1.JPG
2. Audit2.JPG
3. Checklist Food.pdf
4. Food Check Report.pdf
5. World Health Day.pdf



LAND

Task 1: Land Audit Team

Teachers

| Sno. | Name | Email |
|------|---------------|-------------------------|
| 1. | SHOBHON MALLA | sho25.friend@gmail.com |
| 2. | EKTA SINHA | sinha.ekta127@gmail.com |

Administrative staff

| Sno. | Name | Email |
|------|--------------|--------------------------|
| 1. | SUDHIR SINHA | sudhir.sinha86@gmail.com |

Students

| Sno. | Name | Email | Grade/Class |
|------|----------------------|--------------------------|-------------|
| 1. | FATIMA NADEEM | nishatjsr@yahoo.com | 8 |
| 2. | KARTIK RANJAN SINGH | kartiksingh519@yahoo.com | 8 |
| 3. | NAIMA SHAFI | saif5@gmail.com | 8 |
| 4. | PRABHAT KUMAR SHARMA | cksharma6651@gmail.com | 8 |
| 5. | ALOK MAHATO | alokmahato2001@gmail.com | 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 (m2) | 12,265 |
| Ground coverage area | 2,404 |
| Green landscaped area on-ground | 1,471 |
| Surface parking area | 510 |
| Play area that is paved/ concrete on ground | 1,939 |
| Play area that has grass on ground | 1,021 |
| Service Area on ground | 450 |

| | |
|---------------------------------------|-------|
| Roof and terrace area | 2,404 |
| Green cover on exposed roof & terrace | 0 |
| Total built up/constructed area | 8,608 |
| Total no. of floors | 4 |
| Others | 4,470 |

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 | 38 | 73 | 111 |
| Animals | 4 | 2 | 6 |

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. Playground.jpg
2. Const Plan - 1.pdf
3. Const Plan-Ground.pdf
4. Green Cover.JPG
5. Building.JPG



WATER

Task 1: Water Audit Team

Teachers

| Sno. | Name | Email |
|------|-------------|---------------------------|
| 1. | RUMI GHOSH | rumimicroghosh@gmail.com |
| 2. | RICHA AHUJA | ahuja.richa1807@gmail.com |

Administrative staff

| Sno. | Name | Email |
|------|---------------|---------------------------|
| 1. | ANINDYA MANNA | anindyamanna100@gmail.com |

Students

| Sno. | Name | Email | Grade/Class |
|------|----------------|--------------------------|-------------|
| 1. | ARYAN GUPTA | mlzsjsrexcence@gmail.com | 8 |
| 2. | ANJALI AGARWAL | mlzsjsrexcence@gmail.com | 8 |
| 3. | ASHISH KUMAR | mlzsjsrexcence@gmail.com | 8 |
| 4. | DEEPIKA GORAI | mlzsjsrexcence@gmail.com | 8 |
| 5. | DIBYOJYOTI ROY | mlzsjsrexcence@gmail.com | 8 |

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 | 1500 |
| Toilet flushing | 415 |
| Personal cleaning | 325 |
| Washing clothes | 100 |
| Cooking | 40 |
| Cleaning Utensils | 240 |
| Washing Vegetables | 30 |

| | |
|----------------|------|
| Mopping floors | 480 |
| Gardening | 1700 |
| Total | 4830 |

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, Surface water, Rain water, Recycled waste 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? | 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. WATER DRIVE.pdf
2. Flush With Dual System.JPG
3. Chiller Plant.JPG
4. Taps.JPG
5. Water %26 Sanitation Policy with Acknowledgement.pdf

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?.

No

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, Mopping, Washing vehicles

6(b)(2)

Does your school have rainwater storage tank?

Yes

6(b)(2)(a)

Total capacity of storage tank (litres)

2000.00

6(b)(2)(b)

Total number of storage tanks

1.00

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?

51 to 60 per cent

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

Gutters, Storage tank, Collection sump, Pump unit, Recharge structure

6(e) Rate your catchment on cleanliness:

Good

Supporting Documents

1. Rain Water Harvesting.JPG
2. Water Tank.JPG
3. Water Level Valve.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?

Yes

6(g)(1) Please specify when does your school monitor the groundwater level?

Pre-monsoon

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

If there was an increase, please specify

6(h)(1) Please specify how much was the increase?

1-5 metre annually

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?

No

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?

32

9

How many hand pumps do you have?

0

10

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

56

11

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

| | Girls | Boys | Common | Total |
|-------------------|-------|------|--------|-------|
| Number of toilets | 40 | 40 | 0 | 80 |

12

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

20

13

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

36

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?

Yes

18 Does your school reuse the treated wastewater?

Yes

18(a) How does your school reuse wastewater?

Recharge Ground Water

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

| Sno. | Name | Email |
|------|----------------|------------------------------|
| 1. | HARVINDER KAUR | uniquegraphics.jsr@gmail.com |
| 2. | MANPREET KAUR | manpreet2291@yahoo.com |

Administrative staff

| Sno. | Name | Email |
|------|--------|----------------------|
| 1. | POONAM | mlzspoonam@gmail.com |

Students

| Sno. | Name | Email | Grade/Class |
|------|-------------------------|----------------------------|-------------|
| 1. | SMRITA PAUL | mlzsjsexcellence@gmail.com | 8 |
| 2. | AZMA FIRDOUS | mlzsjsexcellence@gmail.com | 8 |
| 3. | MARIYA MUSLIMA BALAL | mlzsjsexcellence@gmail.com | 8 |
| 4. | ZAMAN IQBAL | mlzsjsexcellence@gmail.com | 8 |
| 5. | NIKHIL SINHA | mlzsjsexcellence@gmail.com | 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. Students and teachers
2. Housekeeping (Sweeper)
3. Gardener
4. Other: Field staff

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 | 25 | 0 | 20 | 5 | 0 |
| Playgrounds | 11 | 0 | 1 | 8 | 2 |
| Common area (e.g. reception, corridors) | 16 | 0 | 16 | 0 | 0 |
| Staffroom | 5 | 0 | 5 | 0 | 0 |
| Laboratory | 32 | 0 | 24 | 4 | 4 |
| Canteen | 4 | 0 | 0 | 0 | 4 |
| Clinic/ Sick room | 1 | 0 | 0 | 1 | 0 |
| Library | 1 | 0 | 0 | 1 | 0 |
| Toilets | 16 | 0 | 16 | 0 | 0 |
| Others | 3 | 0 | 3 | 0 | 0 |
| Total | 114 | 0 | 85 | 19 | 10 |

Supporting Documents

1. Dustbin.JPG
2. Dustbin2.JPG
3. Seg at Source-Classroom.JPG
4. Seg at Source-Classroom1.JPG
5. Seg at Source-Classroom2.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 | 2.5 |
| Paper | 2 |
| Plastic | 0.5 |

| | |
|-------------------------------------------|-------|
| Wood, glass, metal, classroom furniture | 0.5 |
| E-waste | 0.25 |
| Biomedical waste | 0.25 |
| Sanitary waste | 0.50 |
| Construction and Demolition (C & D) waste | 1 |
| Hazardous waste | 0.25 |
| Total Generated Solid Waste (in kilogram) | 17.75 |

Supporting Documents

1. Audit1.JPG
2. Audit2-Waste.JPG
3. Audit3-Waste.JPG
4. Audit4-Waste.JPG
5. Paper Vendor.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 | 10 |
| Kitchen waste | 2.5 |
| Paper | 2 |
| Plastic | 0 |
| Wood, glass, metal, classroom furniture | 0.25 |
| E-waste | 0 |
| Biomedical waste | 0 |
| Sanitary waste | 0 |

| | |
|-------------------------------------------|-------|
| Construction and Demolition (C & D) waste | 1 |
| Hazardous waste | 0 |
| Total (in kilogram) | 15.75 |

5 Does your school have a composting facility?

Yes

Supporting Documents

1. Decomposition Pit-1.JPG
2. Decomposition Pit-2.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)?

10.00

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) | | | | |

Supporting Documents

1. Paper Vendor.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. Dumping.JPG
2. IMG-20161116-WA0009.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 | 4 | 4 | 0 |
| VCR or DVD players | 0 | 0 | 0 |
| Refrigerators and freezers | 2 | 2 | 0 |
| Washing machines | 0 | 0 | 0 |
| Air conditioners | 10 | 10 | 0 |
| Heaters | 2 | 2 | 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) | 40 | 40 | 0 |
| Laptop computer (CPU, mouse, screen and keyboard included) | 9 | 9 | 0 |
| Notebook computers | 0 | 0 | 0 |
| Notepad computers | 10 | 10 | 0 |
| Printers | 2 | 2 | 0 |
| Copying equipment (Photocopiers) | 2 | 2 | 0 |
| Projectors | 20 | 20 | 0 |
| Whiteboards | 30 | 30 | 0 |
| Electrical & electronic typewriters | 0 | 0 | 0 |
| Pocket & desk calculators | 7 | 7 | 0 |
| Fax machines | 0 | 0 | 0 |
| Telex | 0 | 0 | 0 |
| Telephones | 0 | 0 | 0 |
| Pay telephones | 0 | 0 | 0 |
| Mobiles | 10 | 10 | 0 |
| Answering systems | 0 | 0 | 0 |

Supporting Documents

1. Xerox.jpg
2. Projector.jpg
3. Lab.jpg
4. Laptop %26 Printer.jpg

11

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

Yes

Supporting Documents

1. E-waste doc.jpg

11a

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

Authorised dealer

Task 6: School's initiatives

12

Does the school have a policy on waste?

Yes

Policy document

Waste Policy.pdf

13

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

Yes

Supporting Documents

1. Nukkad Natak-watsan.pdf
2. Exhibits- Innovation.pdf
3. Safe-smarter Schools.pdf

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. Audit1.JPG
2. Audit2-Waste.JPG
3. Audit5.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?

2015-16

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?

Yes

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?

Training and understanding of Best practices to create a continuous improvement in existing practices. Further, to excel as an Green School and imbibe the culture of Go-Green in our students as change agents.

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?

Yes

9(a)

If yes, please share your suggestions.

The earthing and lightning resistors to be included as per of audit and their functional efficiency

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?

Once

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?

350.00

Checklist of uploaded documents

1. Picture of Air Quality Monitoring equipment of school
2. Fuel Bills
3. Electricity Bill
4. Picture of Mid-day meal being served
5. Photographs of lunch boxes
6. Traditional food items sold in canteen
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 audit team weighing solid waste
13. Picture of types of solid waste generated
14. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers, etc

15. Pictures of housekeeping staff disposing different types of solid waste
16. Pictures of Electronic items used by school and storage of non-working electronic items
17. Certificate of disposing e-waste from authorised dealer/dismantler
18. Waste Policy
19. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
20. Pictures of respective audit teams doing survey