

# Responses for Green Schools Programme Audit 2016

School Name: MAHINDRA WORLD SCHOOL

Address: PLOT NO.30 2nd AVENUE, MAHINDRA

WORLD CITY, CHENGALPET,

CHENGALPET, KANCHEEPURAM,

Tamil Nadu, India

Coordinator Name: BEULA PACKIAM



# 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 | lame of | the S | School / | Institution |
|---|---------|-------|----------|-------------|
|---|---------|-------|----------|-------------|

MAHINDRA WORLD SCHOOL

2 Address

PLOT NO.30 2nd AVENUE, MAHINDRA WORLD CITY, CHENGALPET, CHENGALPET, KANCHEEPURAM, Tamil Nadu, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 44 (NUMBER) 47490060

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9600097999

5 Principal Name

Ms. NIRMALA KRISHNAN

6 GSP Coordinator Name

**BEULA PACKIAM** 

GSP Coordinator Email

beulamithun3@gmail.com

6 GSP Coordinator Mobile Number

(ISD)91 (Number) 9962471294

g Category Of The School

Day Scholar

10 School Shifts

Morning

# **GENERAL QUESTIONS**

How many levels does your school have?

Lowest level of grade:1 Highest level of grade:12

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           | 445  | 397    | 842   |
| Teachers           | 6    | 59     | 65    |
| Non-Teaching Staff | 6    | 5      | 11    |
| TOTAL              | 457  | 461    | 918   |

4(b) How many visitors visit your school

20

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

210

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

Sep, Oct

Where is the school located?

Rural Area



# Task 1: Air Audit Team

### **Teachers**

| Sno. | Name          | Email                     |
|------|---------------|---------------------------|
| 1.   | Ms Bharathi   | Ms Bharathi               |
| 2.   | Ms Sucharitha | suchi.mrs.jagan@gmail.com |
| 3.   | 0             | 0                         |

## **Administrative staff**

| Sno. | Name       | Email                           |
|------|------------|---------------------------------|
| 1.   | Ms YASODHA | infochn@mahindraworldschool.com |
| 2.   | Mr SATHISH | satish12885@gmail.com           |
| 3.   | 0          | 0                               |
| 4.   | 0          | 0                               |
| 5.   | 0          | 0                               |

### **Students**

| Sno. | Name         | Email                  | Grade/Class |
|------|--------------|------------------------|-------------|
| 1.   | Riya         | beulamithun3@gmail.com | 7           |
| 2.   | Diksha       | beulamithun3@gmail.com | 7           |
| 3.   | Lakshana     | beulamithun3@gmail.com | 7           |
| 4.   | Nikhil       | beulamithun3@gmail.com | 7           |
| 5.   | Mahendra Rao | beulamithun3@gmail.com | 7           |
| 6.   | Khushi       | beulamithun3@gmail.com | 7           |
| 7.   | Bhavika      | beulamithun3@gmail.com | 7           |
| 8.   | Daniella     | beulamithun3@gmail.com | 7           |
| 9.   | 0            | 0                      | 0           |
| 10.  | 0            | 0                      | 0           |

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

1

How many classrooms does your school have?

55

#### 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<br>(LxH) | Percentage of the floor area being ventilated (Y/X x 100) |
|--|-------------------------|-------------------------------|---|
| LKG BLUE   | 570,400.00              | 97,341.90                     | 17.07   |
| UKG YELLOW   | 570,400.00              | 97,341.90                     | 17.07   |
| I RED  | 570,400.00              | 70,804.00                     | 12.41   |
| II BLUE  | 570,400.00              | 70,804.00                     | 12.41   |
| III YELLOW   | 570,400.00              | 69,445.76                     | 12.17   |
| IV RED   | 570,400.00              | 69,445.76                     | 12.17   |
| V BLUE   | 570,400.00              | 69,445.76                     | 12.17   |
| VI YELLOW  | 570,400.00              | 69,445.76                     | 12.17   |
| Χ  | 570,400.00              | 69,445.60                     | 12.17   |
| XI   | 570,400.00              | 69,445.60                     | 12.17   |
| TOTAL  | 5,704,000.00            | 752,966.04                    |   |

# 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?

Operator-owned vehicles

# 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<br>Staff | Total |
|--|----------|----------------|-----------------------|-------|
| Schoool Bus  | 0        | 0              | 0                     | 0     |
| 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              | 0                     | 0     |
| Taxi four-wheeler                                  | 412      | 50             | 0                     | 462   |

| Taxi three-wheeler     | 50  | 0  | 0  | 50  |
|------------------------|-----|----|----|-----|
| Personal four-wheeler  | 180 | 7  | 0  | 187 |
| Personal two-wheeler   | 150 | 8  | 11 | 169 |
| Bicycle                | 30  | 0  | 0  | 30  |
| On foot                | 20  | 0  | 0  | 20  |
| Others (non-motorised) | 0   | 0  | 0  | 0   |
| SUB-TOTAL              | 842 | 65 | 11 | 918 |

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



10

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 Agnes Selvi | agnesjselvi@gmail.com   |
| 2.   | Ms Meena       | meena.c2004@yahoo.co.in |
| 3.   | 0              | 0                       |

## **Administrative staff**

| Sno. | Name             | Email                 |
|------|------------------|-----------------------|
| 1.   | Mr Nagaraj       | nagajee1984@gmail.com |
| 2.   | Mr Parthasarathy | nagajee1984@gmail.com |
| 3.   | 0                | 0                     |
| 4.   | 0                | 0                     |
| 5.   | 0                | 0                     |

### **Students**

| Sno. | Name              | Email                  | Grade/Class |
|------|-------------------|------------------------|-------------|
| 1.   | Akshaya N         | beulamithun3@gmail.com | 5           |
| 2.   | Joyce Preetha G V | beulamithun3@gmail.com | 5           |
| 3.   | Surya Vamsi P     | beulamithun3@gmail.com | 5           |
| 4.   | Santhosh Raj D    | beulamithun3@gmail.com | 5           |
| 5.   | Aathmika Raajam G | beulamithun3@gmail.com | 5           |
| 6.   | Sanjana Arun      | beulamithun3@gmail.com | 5           |
| 7.   | Tanvi             | beulamithun3@gmail.com | 5           |
| 8.   | 0                 | 0                      | 0           |
| 9.   | 0                 | 0                      | 0           |
| 10.  | 0                 | 0                      | 0           |

# 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

Does your school have its own vehicles?

No

Provide the details of total energy consumed by the school

|  | Quantity consumed/monthly average | Energy consumed in<br>Megajoules (MJ) | Type of use |
|--|-----------------------------------|---------------------------------------|-------------|
| Electricity from the board (kwh)             | 9756                              | 35121.60                              | 1,5         |
| Electricity from generator (diesel) (litres) | 288                               | 13132.80                              | 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)                            | 16.9                              | 872.04                                | 3           |
| Piped Natural Gas (kilogrammes)              | 0                                 | 0.00                                  | 0           |
| TOTAL  | 10060.90                          | 49126.44                              |             |

## **Supporting Documents**

- 1. fuel bill.pdf
- 2. Energy audit.pdf

## What appliances does your school have?

|                  | Number | Size | BEE Star Rating |
|------------------|--------|------|-----------------|
| Air Conditioners | 18     | 2    | 5               |
| Refrigerator     | 1      | 320  | 5               |
| Microwave        | 0      | 0    | 0               |
| Tube Lights      | 913    | 36   | 0               |
| CFL Bulbs        | 130    | 36   | 0               |
| LED Lights       | 20     | 18   | 0               |
| Fans             | 344    | 60   | 0               |

## **Supporting Documents**

1. 5 star.pdf

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

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

23

Are there any alternate sources of energy employed/ installed in your school?

No

No documents uploaded by the school for energy chapter.



## **Task 1: Food Audit Team**

#### **Teachers**

| Sno. | Name                 | Email                |
|------|----------------------|----------------------|
| 1.   | Ms Jeyabhuvaneshwari | jeya3278@gmail.com   |
| 2.   | Ms Seethalakshmi     | nseethamws@gmail.com |
| 3.   | 0                    | 0                    |

### **Administrative staff**

| Sno. | Name         | Email                 |
|------|--------------|-----------------------|
| 1.   | Mr Sathish   | satish12885@gmail.com |
| 2.   | Mr Santhanam | satish12885@gmail.com |
| 3.   | Mr Raja      | satish12885@gmail.com |
| 4.   | 0            | 0                     |
| 5.   | 0            | 0                     |

### **Students**

| Sno. | Name       | Email                  | Grade/Class |
|------|------------|------------------------|-------------|
| 1.   | Ksheeraja  | beulamithun3@gmail.com | 4           |
| 2.   | Aditi      | beulamithun3@gmail.com | 4           |
| 3.   | Yasvardhan | beulamithun3@gmail.com | 4           |
| 4.   | Veda S M   | beulamithun3@gmail.com | 4           |
| 5.   | Kaviya     | beulamithun3@gmail.com | 4           |
| 6.   | Raghav     | beulamithun3@gmail.com | 4           |
| 7.   | Harshitha  | beulamithun3@gmail.com | 4           |
| 8.   | 0          | 0                      | 0           |
| 9.   | 0          | 0                      | 0           |
| 10.  | 0          | 0                      | 0           |

# 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

Does your school serve midday meals?

No

2(a) Do students bring their own lunch from home?

Yes

## **Supporting Documents**

1. Lunch box.pdf

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

842.00

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<br>food items<br>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-<br>noodles, Top Ramen, Wai-wai,<br>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                                       |

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| Sugar sweetened noncarbonated beverages                 | 0 | 0 | 0 |
|---|---|---|---|
| Packaged/Bottled Nimboo Paani/<br>Lassi/ Flavoured milk | 0 | 0 | 0 |
| Packaged/Bottled Energy Drinks                          | 0 | 0 | 0 |

No documents uploaded by the school.

Does your school serve traditional Indian snacks?

No

Does your school serve traditional Indian beverages?

Yes

5(a) Details are as follows:

|                    | Number of servings sold when on the menu |
|--------------------|--|
| Nimboo pani        | 0  |
| Sweet lassi        | 0  |
| Salted butter milk | 50                                       |
| Aam Panna          | 0  |
| Others             | 0  |

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

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?

Diary Milk, Five Star, Ladoos

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

No

## **Supporting Documents**

- 1. Survey.pdf
- 2. Dine Time.pdf



## **Task 1: Land Audit Team**

### **Teachers**

| Sno. | Name                 | Email                      |
|------|----------------------|----------------------------|
| 1.   | Mr Prabhu            | prabhumarch14@gmail.com    |
| 2.   | Ms Banshari Sengupta | bansharisengupta@gmail.com |
| 3.   | 0                    | 0                          |

### **Administrative staff**

| Sno. | Name        | Email                           |
|------|-------------|---------------------------------|
| 1.   | Ms Yesodha  | infochn@mahindraworldschool.com |
| 2.   | Ms Anuradha | infochn@mahindraworldschool.com |
| 3.   | 0           | 0                               |
| 4.   | 0           | 0                               |
| 5.   | 0           | 0                               |

### **Students**

| Sno. | Name          | Email                  | Grade/Class |
|------|---------------|------------------------|-------------|
| 1.   | Mughilan Paul | beulamithun3@gmail.com | 6           |
| 2.   | Devi Prasad   | beulamithun3@gmail.com | 6           |
| 3.   | Ananthika     | beulamithun3@gmail.com | 6           |
| 4.   | Pavithra      | beulamithun3@gmail.com | 6           |
| 5.   | Yuvaraj       | beulamithun3@gmail.com | 6           |
| 6.   | Dharani       | beulamithun3@gmail.com | 6           |
| 7.   | 0             | 0                      | 0           |
| 8.   | 0             | 0                      | 0           |
| 9.   | 0             | 0                      | 0           |
| 10.  | 0             | 0                      | 0           |

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

Complete the table:

| Site area in square meter (m2)              | 50,114  |
|---|---------|
| Ground coverage area                        | 13,067  |
| Green landscaped area on-ground             | 10,117  |
| Surface parking area                        | 1,100   |
| Play area that is paved/ concrete on ground | 11,710  |
| Play area that has grass on ground          | 16,414  |
| Service Area on ground                      | 523     |
| Roof and terrace area                       | 589,951 |
| Green cover on exposed roof & terrace       | 5,219   |
| Total built up/constructed area             | 10,260  |
| Total no. of floors                         | 1       |
| Others                                      | 2,633   |

# 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  | 510    | 0      | 510   |
| 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. Landscaped.pdf
- 2. Green Cover Area.pdf
- 3. Green Cover .pdf
- 4. Construction Plan.pdf

5. Land Audit.pdf



# WATER

## **Task 1: Water Audit Team**

#### **Teachers**

| Sno. | Name             | Email                   |  |
|------|------------------|-------------------------|--|
| 1.   | Ms Neeta Bandary | neetabhandary@gmail.com |  |
| 2.   | Ms Shilpa        | shilpa171279@gmail.com  |  |
| 3.   | 0                | 0                       |  |

### **Administrative staff**

| Sno. | Name         | Email                           |
|------|--------------|---------------------------------|
| 1.   | Ms Yasodha   | infochn@mahindraworldschool.com |
| 2.   | Mr Nagaraj   | nagajee1984@gmail.com           |
| 3.   | Mr Santhanam | nagajee1984@gmail.com           |
| 4.   | 0            | 0                               |
| 5.   | 0            | 0                               |

### **Students**

| Sno. | Name            | Email                  | Grade/Class |
|------|-----------------|------------------------|-------------|
| 1.   | Gurubharath     | beulamithun3@gmail.com | 8           |
| 2.   | Vishwa Pancholi | beulamithun3@gmail.com | 8           |
| 3.   | Nivas           | beulamithun3@gmail.com | 8           |
| 4.   | Shraya Venunath | beulamithun3@gmail.com | 8           |
| 5.   | Manasvi         | beulamithun3@gmail.com | 8           |
| 6.   | Shyaam          | beulamithun3@gmail.com | 8           |
| 7.   | 0               | 0                      | 0           |
| 8.   | 0               | 0                      | 0           |
| 9.   | 0               | 0                      | 0           |
| 10.  | 0               | 0                      | 0           |

# Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

| Drinking           | 800  |
|--------------------|------|
| Toilet flushing    | 2200 |
| Personal cleaning  | 0    |
| Washing clothes    | 60   |
| Cooking            | 100  |
| Cleaning Utensils  | 70   |
| Washing Vegetables | 0    |
| Mopping floors     | 500  |
| Gardening          | 650  |
| Total              | 4380 |

## Task 3: What are the sources, supply and storage of water in your school

Where does the water your school uses, come from?

Surface water

Who supplies the water in your school?

Panchayat

Does your school get daily water supply?

Yes

4(a) If supply of water is daily, please tick the correct option

=1 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      |

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| 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?   | 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? | 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 %26 Sanitation Policy.pdf
- 2. IMG\_20161117\_131002.jpg

## Task 5: Does your school harvest rainwater?

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 + Paved + Unpaved

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

6(b)(2) Does your school have rainwater storage tank?

Yes

Total capacity of storage tank (litres) 6(b)(2)(a) 6000.00 Total number of storage tanks 6(b)(2)(b) 2.00 Location of tanks: 6(b)(2)(c) Underground + Over-ground Material options for tanks 6(b)(2)(d) Combination of PVC + RCC + Brick How much area in your school is harvested? 91 to 100 per cent Please select (from the list given below) the rainwater harvesting structures present in your school Recharge structure

#### **Supporting Documents**

Average

Pre-monsoon

Rate your catchment on cleanliness:

- 1. Catchment.pdf
- 2. Water Survey.pdf

The second of th

| 6(h) | What is the trend of groundwater level in your school across the year? |
|------|--|
|      | No change  |

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?

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      |

How many drinking water taps do you have?

75

How many hand pumps do you have?

9 How many hand pumps do you have?

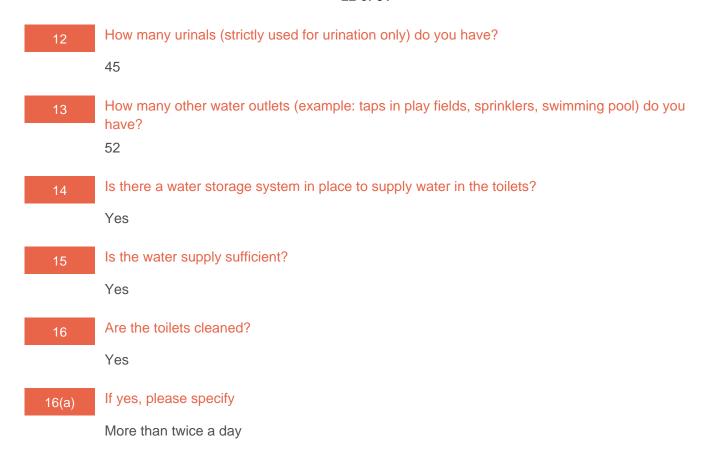
0

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

56

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

|                   | Girls | Boys | Common | Total |
|-------------------|-------|------|--------|-------|
| Number of toilets | 32    | 25   | 0      | 57    |



## 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 Arpita | arpitaadhikari68@yahoo.com |
| 2.   | Ms Snehal | kamatss18@gmail.com        |
| 3.   | 0         | 0                          |

## **Administrative staff**

| Sno. | Name         | Email                 |
|------|--------------|-----------------------|
| 1.   | Mr Santhanam | infochn@gmail.com     |
| 2.   | Mr Sathish   | satish12885@gmail.com |
| 3.   | Mr Ashok     | satish12885@gmail.com |
| 4.   | 0            | 0                     |
| 5.   | 0            | 0                     |

### **Students**

| Sno. | Name        | Email                  | Grade/Class |
|------|-------------|------------------------|-------------|
| 1.   | Akash       | beulamithun3@gmail.com | 8           |
| 2.   | Avinash     | beulamithun3@gmail.com | 8           |
| 3.   | Gurubharath | beulamithun3@gmail.com | 8           |
| 4.   | Nivas       | beulamithun3@gmail.com | 8           |
| 5.   | Niranjan    | beulamithun3@gmail.com | 8           |
| 6.   | 0           | 0                      | 0           |
| 7.   | 0           | 0                      | 0           |
| 8.   | 0           | 0                      | 0           |
| 9.   | 0           | 0                      | 0           |
| 10.  | 0           | 0                      | 0           |

# Task 2: What is the waste segregation system in your school?

1

Does your school segregate solid waste?

Yes

Who segregates the waste at source?

1. Other: MWC

2

Waste collection points in your school.

|   | Total No. of collection points | No bin | One bin | Two bins<br>(wet & dry) | Three bins or more |
|---|--------------------------------|--------|---------|-------------------------|--------------------|
| Classrooms                              | 55                             | 0      | 55      | 0                       | 0                  |
| Playgrounds                             | 2                              | 0      | 2       | 0                       | 0                  |
| Common area (e.g. reception, corridors) | 4                              | 0      | 4       | 0                       | 0                  |
| Staffroom                               | 2                              | 0      | 2       | 0                       | 0                  |
| Laboratory                              | 3                              | 0      | 3       | 0                       | 0                  |
| Canteen                                 | 0                              | 0      | 0       | 0                       | 0                  |
| Clinic/ Sick room                       | 1                              | 0      | 1       | 0                       | 0                  |
| Library                                 | 1                              | 0      | 0       | 1                       | 0                  |
| Toilets                                 | 57                             | 0      | 0       | 57                      | 0                  |
| Others                                  | 33                             | 0      | 33      | 0                       | 0                  |
| Total                                   | 158                            | 0      | 100     | 58                      | 0                  |

## **Supporting Documents**

- 1. Classroom.pdf
- 2. Playground.pdf

# 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 | 200   |
| Kitchen waste              | 10  |

| Paper                                     | 15200 |
|---|-------|
| Plastic                                   | 2     |
| Wood, glass, metal, classroom furniture   | 60    |
| E-waste                                   | 10    |
| Biomedical waste                          | 3     |
| Sanitary waste                            | 5     |
| Construction and Demolition (C & D) waste | 0     |
| Hazardous waste                           | 0     |
| Total Generated Solid Waste (in kilogram) | 15490 |

### **Supporting Documents**

1. Waste audit.pdf

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

Does your school recycle any generated waste?

No

Does your school have a composting facility?

Yes

## **Supporting Documents**

1. Composit pit.docx

5a What is the methodology used?

Natural composting without added microbes

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

1.50

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

7

Table to understand whether internal or external waste recycling procedures are applied to waste.

|  | Local kabadiwala<br>(the scrap<br>collector) | Authorised<br>dealer | Dumped at a<br>designated<br>community site | Internal<br>procedure |
|--|--|----------------------|---|-----------------------|
| Paper (e.g., used notebooks, used examination paper, subscription newspaper and magazines) | ✓  | ×                    | ×   | ×                     |
| Plastic (e.g. plastic bottles)   | <b>✓</b>                                     | ×                    | ×   | ×                     |
| Horticultural waste  | ×  | ×                    | ×   | <b>⊻</b>              |
| E-waste (e.g. broken, unusable computers)  | ×  | <b>✓</b>             | ×   | ×                     |
| Hazardous waste (e.g. diesel fuel, battery)  | ×  | <b>✓</b>             | ×   | ×                     |
| Wood,glass, metal scrap, other scrap   | •  | ×                    | ×   | ×                     |
| Biomedical waste (e.g. waste from Nurse's room in school, e.g. band-aids, syringe)         | ×  | •                    | ×   | ×                     |

No documents uploaded by the school.

# Task 5: How does your school dispose waste?

8

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

Designated dumping site (Dhalao)

## **Supporting Documents**

1. Waste Segregation.pdf

Does your school burn waste?

10

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

|   | Total | Working conditions | Non-working<br>condition |
|---|-------|--------------------|--------------------------|
| TVs   | 2     | 2                  | 0                        |
| VCR or DVD players  | 0     | 0                  | 0                        |
| Refrigerators and freezers                                    | 1     | 1                  | 0                        |
| Washing machines  | 0     | 0                  | 0                        |
| Air conditioners  | 36    | 18                 | 18                       |
| Heaters   | 0     | 0                  | 0                        |
| Microwaves  | 0     | 0                  | 0                        |
| Ovens   | 0     | 0                  | 0                        |
| Toasters  | 0     | 0                  | 0                        |
| Electric Kettles  | 0     | 0                  | 0                        |
| Personal computers (CPU, mouse, screen and keyboard included) | 136   | 134                | 2                        |
| Laptop computer (CPU, mouse, screen and keyboard included)    | 12    | 12                 | 0                        |
| Notebook computers  | 0     | 0                  | 0                        |
| Notepad computers   | 0     | 0                  | 0                        |
| Printers  | 12    | 11                 | 1                        |
| Copying equipment (Photocopiers)                              | 2     | 2                  | 0                        |
| Projectors  | 13    | 13                 | 0                        |
| Whiteboards   | 82    | 82                 | 0                        |
| Electrical & electronic typewriters                           | 0     | 0                  | 0                        |
| Pocket & desk calculators                                     | 8     | 4                  | 4                        |
| Fax machines  | 0     | 0                  | 0                        |
| Telex   | 0     | 0                  | 0                        |
| Telephones  | 11    | 11                 | 0                        |

| Pay telephones    | 0 | 0 | 0 |
|-------------------|---|---|---|
| Mobiles           | 1 | 1 | 0 |
| Answering systems | 0 | 0 | 0 |

## **Supporting Documents**

- 1. Electronic Items.pdf
- 2. Storage.pdf

11

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

Yes

## **Supporting Documents**

1. e-waste.pdf

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.pdf

13

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

Yes

No documents uploaded by the school.

13a

What form do these awareness drives take?

As part of the curriculum

14

Is the study of the environment integrated into the curriculum?

Yes

No documents uploaded by the school.



## **FEEDBACK**

| 1 | Has your school participated in the Green Schools Programme (GSP) Audit before? |
|---|---|
|   | Yes   |
|   |   |

If yes, then in which year did your school first participate in the GSP Audit?

2014-2015

1(b) If yes, how many times have you done the audit?

2

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?

Our school has been awarded Indian Green Building Council Award - Platinum Rating

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  |
|--|---|
| Would your school like to recommend any to deleted in the audit?                             | pic/s that you strongly feel should be added or                 |
| Could you finish all the tasks in given period  Yes  | of time online?   |
| How many times did you contact the Green S counseling?  More than twice                      | Schools Programme Team for guidance and                         |
| Water being the focus this year, did you find your school understand how to become water Yes | the questionnaire in Water section helpful to make r efficient? |
| Did your students enjoy doing the Water activ  | vities?   |

#### **Checklist of uploaded documents**

- 1. Fuel Bills
- 2. Electricity Bill
- 3. Picture of 5 star appliances used by school
- 4. Photographs of lunch boxes

Yes

39.00

- 5. Pictures of Green Cover
- 6. Pictures of landscaped area
- 7. Building construction plan
- 8. Pictures of dustbins in classroom showing segregation at source

How many students were involved in the activities?

- 9. Pictures of playground with more than two dustbins
- 10. Picture of audit team weighing solid waste
- 11. Pictures of recycling units composting pit, paper recycling machine, selling paper to kabadiwala, recyclers,etc
- 12. Pictures of housekeeping staff disposing different types of solid waste
- 13. Pictures of Electronic items used by school and storage of non-working electronic items
- 14. Certificate of disposing e-waste from authorised dealer/dismantler
- 15. Waste Policy
- 16. Pictures of respective audit teams doing survey