



# GREEN SCHOOLS PROGRAMME

## Responses for Green Schools Programme Audit 2016

**School Name:** KENDRIYA VIDYALAYA TIRUMALAGIRI  
**Address:** OPPOSITE MILITARY HOSPITAL,  
TIRUMALAGIRI , SECUNDERABAD ,  
SECUNDERABAD, Hyderabad,  
Telangana, India  
**Coordinator Name:** D. SUBHASHINI



AIR



ENERGY



FOOD



LAND



WATER



WASTE

Green Schools Programme

Centre for Science and Environment

41, Tughlakabad Institutional Area, New Delhi. India - 110062

Tel: +91-11 29955124, 29956110, 40616000

<http://www.greenschoolsprogramme.org/>

## SCHOOL PROFILE

1

Name of the School / Institution

KENDRIYA VIDYALAYA TIRUMALAGIRI

2

Address

OPPOSITE MILITARY HOSPITAL, TIRUMALAGIRI , SECUNDERABAD , SECUNDERABAD,  
Hyderabad, Telangana, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 040 (NUMBER) 29805230

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 7702220167

5

Principal Name

GONA RAMA RAO

6

GSP Coordinator Name

D. SUBHASHINI

7

GSP Coordinator Email

SUBHASHINI1972@YAHOO.COM

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9440213808

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           | 1280 | 1136   | 2416  |
| Teachers           | 21   | 50     | 71    |
| Non-Teaching Staff | 11   | 0      | 11    |
| TOTAL              | 1312 | 1186   | 2498  |

4(b)

How many visitors visit your school

30

5

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

220

6

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

Oct, Nov

7

Where is the school located?

Urban Area



## AIR

### Task 1: Air Audit Team

#### Teachers

| Sno. | Name         | Email        |
|------|--------------|--------------|
| 1.   | S. JAYA RANI | S. JAYA RANI |

#### Administrative staff

| Sno. | Name          | Email               |
|------|---------------|---------------------|
| 1.   | S. VIMALA RAO | vrsangani@ymail.com |

#### Students

| Sno. | Name             | Email               | Grade/Class |
|------|------------------|---------------------|-------------|
| 1.   | ISHI LASYA       | jayakvpsg@gmail.com | 5           |
| 2.   | MANDIRA SARKAR   | jayakvpsg@gmail.com | 5           |
| 3.   | ATHARVA KULKARNI | jayakvpsg@gmail.com | 5           |
| 4.   | ARJU SHAH        | jayakvpsg@gmail.com | 5           |
| 5.   | P KABEER         | jayakvpsg@gmail.com | 5           |
| 6.   | S SRI VIKAS      | jayakvpsg@gmail.com | 5           |
| 7.   | VANSH MANRA      | jayakvpsg@gmail.com | 5           |
| 8.   | JYOTIRADITYA     | jayakvpsg@gmail.com | 5           |

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

1 How many classrooms does your school have?

56

2 Window-floor ratio of classrooms in the school.

| Details of the classroom<br>(e.g. Class II section b) | X = Area of floor<br>(LxB) | Y = Area of<br>openings (LxH) | Percentage of the floor area<br>being ventilated (Y/X x 100) |
|-------------------------------------------------------|----------------------------|-------------------------------|--------------------------------------------------------------|
| VA                                                    | 56.00                      | 18.00                         | 32.14                                                        |
| IIID                                                  | 56.00                      | 18.00                         | 32.14                                                        |
| IID                                                   | 56.00                      | 18.00                         | 32.14                                                        |

|              |               |               |       |
|--------------|---------------|---------------|-------|
| VIA          | 64.00         | 18.00         | 28.13 |
| VIIA         | 60.00         | 5.00          | 8.33  |
| VIIIA        | 56.00         | 5.00          | 8.93  |
| IXC          | 56.00         | 5.00          | 8.93  |
| XA           | 64.00         | 7.00          | 10.94 |
| XIA          | 64.00         | 7.00          | 10.94 |
| XIIA         | 56.00         | 7.00          | 12.50 |
| <b>TOTAL</b> | <b>588.00</b> | <b>108.00</b> |       |

### 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?

School does not use or own 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 |
|----------------------------------------------------|----------|----------------|--------------------|-------|
| School Bus                                         | 0        | 0              | 0                  | 0     |
| Public Bus                                         | 0        | 9              | 2                  | 11    |
| School Transport(Other than bus)                   | 0        | 0              | 0                  | 0     |
| Public transport (other than bus, Metro, car pool) | 919      | 0              | 0                  | 919   |
| Taxi four-wheeler                                  | 0        | 0              | 0                  | 0     |
| Taxi three-wheeler                                 | 599      | 9              | 0                  | 608   |
| Personal four-wheeler                              | 0        | 11             | 0                  | 11    |
| Personal two-wheeler                               | 251      | 42             | 9                  | 302   |
| Bicycle                                            | 386      | 0              | 0                  | 386   |
| On foot                                            | 261      | 0              | 0                  | 261   |
| Others (non-motorised)                             | 0        | 0              | 0                  | 0     |

|           |      |    |    |      |
|-----------|------|----|----|------|
| SUB-TOTAL | 2416 | 71 | 11 | 2498 |
|-----------|------|----|----|------|

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

5

How many students suffer from respiratory ailments ?

14

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.   | MRIDULA SACHENDER | mridula.sachinder@gmail.com |

#### Administrative staff

| Sno. | Name         | Email                   |
|------|--------------|-------------------------|
| 1.   | susan binaca | binacaverma@yahoo.co.in |

#### Students

| Sno. | Name          | Email                           | Grade/Class |
|------|---------------|---------------------------------|-------------|
| 1.   | SANJAY SINGH  | pratap_singh7777@rediffmail.com | 7           |
| 2.   | PRIYA JANIYA  | rameshwar26k@gmail.com          | 7           |
| 3.   | VIKAS YADAV   |                                 | 7           |
| 4.   | PRINCE JANIYA | rameshwar26k@gmail.com          | 7           |
| 5.   | VINITA        |                                 | 7           |
| 6.   | PRAGATI       | shyamsharma241174@gmail.com     | 7           |
| 7.   | RATNESH       | bknageshkumar@gmail.com         | 7           |
| 8.   | SNEHA SINGH   |                                 | 7           |
| 9.   | MUJAHID       |                                 | 7           |

### Task 2: How much energy does your school consume?

1 Does your school have access to an electricity bill?

Yes

#### Supporting Documents

1. electric bill.docx

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)             | 6241                              | 22467.60                           | 4           |
| Electricity from generator (diesel) (litres) | 0                                 | 0.00                               | 0           |
| 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)                            | 0                                 | 0.00                               | 0           |
| Piped Natural Gas (kilogrammes)              | 0                                 | 0.00                               | 0           |
| TOTAL                                        | 6241.00                           | 22467.60                           |             |

### Supporting Documents

1. electric bill.docx

4

What appliances does your school have?



|                  | Number | Size | BEE Star Rating |
|------------------|--------|------|-----------------|
| Air Conditioners | 5      | 1.5  | 4               |
| Refrigerator     | 1      | 190  | 5               |
| Microwave        | 0      | 0    | 0               |
| Tube Lights      | 470    | 40   | 0               |
| CFL Bulbs        | 0      | 0    | 0               |
| LED Lights       | 0      | 0    | 0               |
| Fans             | 268    | 60   | 0               |

### Supporting Documents

1. REFRIGERATOR WITH 5.jpg

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

5

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

300

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.   | D.SIRISHA | dugirala.sirisha@gmail.com |

#### Administrative staff

| Sno. | Name        | Email                     |
|------|-------------|---------------------------|
| 1.   | B.CHITTAYYA | chittaya.thatha@gmail.com |

#### Students

| Sno. | Name                  | Email                      | Grade/Class |
|------|-----------------------|----------------------------|-------------|
| 1.   | J DIVYANAINA SREE     | jaladimadhuri@gmail.com    | 4           |
| 2.   | NIKHIL KUMAR          | sumanlata3@gmail.com       | 4           |
| 3.   | G HARIPRIYA           | suji5478@gmail.com         | 4           |
| 4.   | HEMANTH KUMAR         | santoshibharani@gmail.com  | 4           |
| 5.   | D M NIKHILESH         |                            | 4           |
| 6.   | N SRINIVASA DASTAGIRI | madhurinadendla7@gmail.com | 4           |
| 7.   | E CHANDANASREE        | dora_edara@yahoo.com       | 5           |
| 8.   | B DHRUTIKA            | prashantbandi@gmail.com    | 4           |
| 9.   | ARYAN                 | vijaybahadur@gmail.com     | 4           |
| 10.  | A V KRISHNA LAASYA    | avsome@gmail.com           | 4           |

### 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?

2300.00

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

152.00

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?

Yes

6(a) Please provide details

GOOD DAY BISCUITS ON INDEPENDENCE DAY AND REPUBLIC DAY

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.   | SRINIVAS THALLA | srinivastalla68@gmail.com |

#### Administrative staff

| Sno. | Name                | Email                    |
|------|---------------------|--------------------------|
| 1.   | VASANTHA KUMARI C P | vasantha.sethu@gmail.com |

#### Students

| Sno. | Name                | Email                          | Grade/Class |
|------|---------------------|--------------------------------|-------------|
| 1.   | ADITH JASPER        | jasper.kvs@gmail.com           | 5           |
| 2.   | DHIRAJ KUMAR PONDEY | dhirajkumarpondey33@gmail.com  | 5           |
| 3.   | HITIN SAPOLA        | hitinhittu@gmail.com           | 5           |
| 4.   | AYUSH KUMAR SINGH   | itsayushkumarsingh@gmail.com   | 5           |
| 5.   | VIGNESH             | ponugotilikhitha@gmail.com     | 5           |
| 6.   | SRIYA               | shriyapasumarthi2310@gmail.com | 5           |
| 7.   | ADITYA SINGH        | adiraj448@gmail.com            | 5           |
| 8.   | SREYAS              | shreyasv08@rediffmail.com      | 5           |
| 9.   | TEJASWINI           | girijatejaswini@gmail.com      | 5           |
| 10.  | Y KARTHIK           | sunny102006@gmail.com          | 5           |

### 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 <sup>2</sup> ) | 60,694             |
| Ground coverage area                        | 10,622             |
| Green landscaped area on-ground             | 45,520             |
| Surface parking area                        | 0                  |

|                                             |        |
|---------------------------------------------|--------|
| Play area that is paved/ concrete on ground | 1,962  |
| Play area that has grass on ground          | 12,250 |
| Service Area on ground                      | 6      |
| Roof and terrace area                       | 0      |
| Green cover on exposed roof & terrace       | 0      |
| Total built up/constructed area             | 14,278 |
| Total no. of floors                         | 2      |
| 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  | 22     | 06     | 28    |
| Animals | 10     | 02     | 12    |

### Task 4: Find out if your school uses pesticides

4

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

No

#### Supporting Documents

1. assembly.jpg
2. ground.jpg
3. hexagon.jpg
4. plan-1.jpg
5. Untitled.jpg



## WATER

### Task 1: Water Audit Team

#### Teachers

| Sno. | Name        | Email                        |
|------|-------------|------------------------------|
| 1.   | K USHA RANI | usharanikoppisetty@gmail.com |

#### Administrative staff

| Sno. | Name          | Email                      |
|------|---------------|----------------------------|
| 1.   | PUSHPA KURIAN | rachelpushpa_911@yahoo.com |

#### Students

| Sno. | Name               | Email                         | Grade/Class |
|------|--------------------|-------------------------------|-------------|
| 1.   | PHANINDRA SOMANADH | somu.addepalli.1980@gmail.com | 10          |
| 2.   | T NIHARIKA         | cpillay2006@yahoo.co.in       | 8           |
| 3.   | D HEMANJALI        | sridhar_d8@yahoo.co.in        | 8           |
| 4.   | D SREE YASHASWINEE | s1u9b7u2@yahoo.co.in          | 7           |
| 5.   | Y L N MANOGNYA     | usharanikoppisetty@gmail.com  | 7           |
| 6.   | KARTIKEYA Y        | SUBHASHINI1972@YAHOO.COM      | 8           |
| 7.   | ANANYA             | jyothi.pulla@yahoo.com        | 7           |
| 8.   | TANVEER            | tanveer3849hassain@gmail.com  | 7           |
| 9.   | ASHWAK             | nalbandali120@gmail.com       | 7           |
| 10.  | SWATHI S           | swathiiyer1903@gmail.com      | 7           |

### 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          | 2500                            |
| Toilet flushing   | 2500                            |
| Personal cleaning | 100                             |
| Washing clothes   | 100                             |

|                    |       |
|--------------------|-------|
| Cooking            | 0     |
| Cleaning Utensils  | 10    |
| Washing Vegetables | 0     |
| Mopping floors     | 260   |
| Gardening          | 14000 |
| Total              | 19470 |

### 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

3 Who supplies the water in your school?

Municipality, 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

=1 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? | No       |
| 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 |

### Supporting Documents

1. Eco Club.jpg
2. Water Conservation taken up by School.jpg
3. Water Conservation Steps in the School.jpg
4. plant species which require limited amount of water to grow.jpg
5. Water Outlets - All around the School.jpg

## 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?

Paved + Unpaved

6(b)

How does your school harvest rainwater?

By storing

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

6(b)(2)(a)

Total capacity of storage tank (litres)

20000.00

6(b)(2)(b) Total number of storage tanks

16.00

6(b)(2)(c) Location of tanks:

Underground + Over-ground

6(b)(2)(d) Material options for tanks

Combination of PVC + RCC + Brick

6(c) How much area in your school is harvested?

61 to 70 per cent

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

Gutters

6(e) Rate your catchment on cleanliness:

Good

### Supporting Documents

1. Rain Water Harvesting - Paved Way.jpg
2. Rain Water Harvesting Structure - Gutter.jpg
3. Rain Water Harvesting -Unpaved Way.jpg
4. Rain Water Harvesting.jpg
5. Rain Water Harvesting Structures - Gutter.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?

Post-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?

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?

61

9 How many hand pumps do you have?

1

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

26

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

|  | Girls | Boys | Common | Total |
|--|-------|------|--------|-------|
|--|-------|------|--------|-------|

|                   |    |    |   |    |
|-------------------|----|----|---|----|
| Number of toilets | 15 | 15 | 0 | 30 |
|-------------------|----|----|---|----|

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

22

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

9

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 groundwater recharge

### Supporting Documents

1. School Teams to Practice and Monitor RWH.jpg



## WASTE

### Task 1: Waste Audit Team

#### Teachers

| Sno. | Name         | Email                      |
|------|--------------|----------------------------|
| 1.   | KUSUM DHIMAN | kusum_dhiman9465@yahoo.com |

#### Administrative staff

| Sno. | Name           | Email               |
|------|----------------|---------------------|
| 1.   | NEELAM THUKRAL | neelamt89@gmail.com |

#### Students

| Sno. | Name           | Email                         | Grade/Class |
|------|----------------|-------------------------------|-------------|
| 1.   | RISHAB RATHORE | sudama202@gmail.com           | 5           |
| 2.   | M SIDDHARDHA   | mupparappusiddaiah@gmail.com  | 5           |
| 3.   | J D SURYA      | pandu6402@gmail.com           | 7           |
| 4.   | AVANEETH PKT   | pktappu123@gmail.com          | 7           |
| 5.   | TUSHAR BHARAT  | tusharmax07@gmail.com         | 5           |
| 6.   | DHEERAJ PANDEY | dhirajkumarpandy333@gmail.com | 5           |
| 7.   | ISHI LAASYA    | talktokrishnam@gmail.com      | 5           |

### 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                              | 56 | 0 | 56 | 0 | 0 |
| Playgrounds                             | 6  | 0 | 5  | 1 | 0 |
| Common area (e.g. reception, corridors) | 2  | 0 | 2  | 0 | 0 |
| Staffroom                               | 6  | 0 | 6  | 0 | 0 |
| Laboratory                              | 7  | 0 | 7  | 0 | 0 |
| Canteen                                 | 0  | 0 | 0  | 0 | 0 |
| Clinic/ Sick room                       | 2  | 0 | 2  | 0 | 0 |
| Library                                 | 1  | 0 | 1  | 0 | 0 |
| Toilets                                 | 17 | 0 | 17 | 0 | 0 |
| Others                                  | 0  | 0 | 0  | 0 | 0 |
| Total                                   | 97 | 0 | 96 | 1 | 0 |

### Supporting Documents

1. DRY WASTE.jpg
2. SEGREGATION OF DRY WASTE.jpg
3. TWO DUSTBIN IN PLAYGROUND.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                           | 0                                           |
| Paper                                   | 30                                          |
| Plastic                                 | 2                                           |
| Wood, glass, metal, classroom furniture | 2                                           |
| E-waste                                 | 2                                           |
| Biomedical waste                        | 0                                           |

|                                           |    |
|-------------------------------------------|----|
| Sanitary waste                            | 0  |
| Construction and Demolition (C & D) waste | 0  |
| Hazardous waste                           | 0  |
| Total Generated Solid Waste (in kilogram) | 46 |

### Supporting Documents

1. IMG-20161110-WA0006.jpg
2. IMG-20161110-WA0007.jpg
3. SEGREGATION OF DRY WASTE.jpg
4. E WASTE.jpg
5. E WASTE STORAGE.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                | 20       |
| Kitchen waste                             | 0        |
| Paper                                     | 30       |
| Plastic                                   | 2        |
| Wood, glass, metal, classroom furniture   | 1        |
| E-waste                                   | 2        |
| Biomedical waste                          | 0        |
| Sanitary waste                            | 0        |
| Construction and Demolition (C & D) waste | 0        |
| Hazardous waste                           | 0        |

Total (in kilogram)

55

5 Does your school have a composting facility?

No

6 Does your school encourage students &amp; 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 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. IMG-20161110-WA0007.jpg

## Task 5: How does your school dispose waste?

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



Landfill Site

## Supporting Documents

1. IMG-20161110-WA0006.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                                                           | 0     |                    |                       |
| VCR or DVD players                                            | 0     |                    |                       |
| Refrigerators and freezers                                    | 1     | 1                  |                       |
| Washing machines                                              | 0     |                    |                       |
| Air conditioners                                              | 5     | 5                  |                       |
| Heaters                                                       | 0     |                    |                       |
| Microwaves                                                    | 0     |                    |                       |
| Ovens                                                         | 0     |                    |                       |
| Toasters                                                      | 0     |                    |                       |
| Electric Kettles                                              | 0     |                    |                       |
| Personal computers (CPU, mouse, screen and keyboard included) | 0     |                    |                       |
| Laptop computer (CPU, mouse, screen and keyboard included)    | 0     |                    |                       |
| Notebook computers                                            | 0     |                    |                       |
| Notepad computers                                             | 0     |                    |                       |
| Printers                                                      | 0     |                    |                       |
| Copying equipment (Photocopiers)                              | 0     |                    |                       |
| Projectors                                                    | 0     |                    |                       |
| Whiteboards                                                   | 0     |                    |                       |

|                                     |   |  |  |
|-------------------------------------|---|--|--|
| Electrical & electronic typewriters | 0 |  |  |
| Pocket & desk calculators           | 0 |  |  |
| Fax machines                        | 0 |  |  |
| Telex                               | 0 |  |  |
| Telephones                          | 0 |  |  |
| Pay telephones                      | 0 |  |  |
| Mobiles                             | 0 |  |  |
| Answering systems                   | 0 |  |  |

### Supporting Documents

1. E WASTE STORAGE.jpg

11

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

Yes

No documents uploaded by the school.

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

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 , By the showcasing of posters and stickers

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?

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?

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?

special staff can be deputed to make the school a green school

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.

measuring areas is difficult task ;when the area is so big spread in 15 acres

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?

53.00

### Checklist of uploaded documents

1. Electricity Bill
2. Picture of 5 star appliances used by school
3. Photographs of lunch boxes
4. Pictures of Green Cover
5. Pictures of landscaped area
6. Building construction plan
7. Pictures of dustbins in classroom showing segregation at source
8. Pictures of playground with more than two dustbins
9. Picture of audit team weighing solid waste
10. Picture of types of solid waste generated
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. Pictures of respective audit teams doing survey