

# Responses for Green Schools Programme Audit 2016

School Name: satya bharti govt primary school bolyawala

Address: bolyawala, achrol, jaipur,

bolyawala, achrol, jaipur, jaipur, jaipur,

Rajasthan, India

Coordinator Name: lokesh jangid



## 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**

satya bharti govt primary school bolyawala

2 Address

bolyawala, achrol, jaipur, bolyawala, achrol, jaipur, jaipur, jaipur, Rajasthan, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 0141 (NUMBER) 222345

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9116003059

5 Principal Name

Rakesh kumar sharma

6 GSP Coordinator Name

lokesh jangid

GSP Coordinator Email

bolyawala@satyabhartischool.org

GSP Coordinator Mobile Number

(ISD)91 (Number) 9799444203

Category Of The School

Day Scholar

School Shifts

Morning

# **GENERAL QUESTIONS**

How many levels does your school have?

Lowest level of grade:1 Highest level of grade:5

ls your school single gender or mixed gender?

Mixed/Co-education

Which board of education does the school follow?

State Board of Education (please select name of your state from the list below if applicable) State: Rajasthan

Total permanent population of the school

	Male	Female	Total
Students	62	28	90
Teachers	03	01	4
Non-Teaching Staff	01	02	3
TOTAL	66	31	97

4(b) How many visitors visit your school

30

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

200

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

Oct, Nov

Where is the school located?

Rural Area



### Task 1: Air Audit Team

#### **Teachers**

Sno.	Name	Email
1.	Rakesh kumar sharma	Rakesh kumar sharma
2.	Lokesh jangid	bolyawala@satyabhartischool.org
3.	sube singh yadav	bolyawala@satyabhartischool.org

### **Administrative staff**

Sno.	Name	Email
1.	Rakesh kumar sharma	rksharma554@gmail.com
2.	Lokesh jangid	bolyawala@satyabhartischool.org
3.	Sube singh yadav	bolyawala@satyabhartischool.org

### **Students**

Sno.	Name	Email	Grade/Class
1.	Ratan Meena	bolyawala@satyabhartischool.org	5
2.	Dilip Meena	bolyawala@satyabhartischool.org	5
3.	Jiya Meena	bolyawala@satyabhartischool.org	5
4.	Pinki Bunker	bolyawala@satyabhartischool.org	5
5.	Vishesh Meena	bolyawala@satyabhartischool.org	5
6.	Vijay Meena	bolyawala@satyabhartischool.org	5
7.	Anju Meena	bolyawala@satyabhartischool.org	5
8.	Kana Ram Meena	bolyawala@satyabhartischool.org	5
9.	Asha Bunker	bolyawala@satyabhartischool.org	5
10.	Karishma Meena	bolyawala@satyabhartischool.org	5

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

How many classrooms does your school have?

5

Window-floor ratio of classrooms in the school.

Details of the classroom (e.g. Class II section b)	X = Area of floor (LxB)	Y = Area of openings (LxH)	Percentage of the floor area being ventilated (Y/X x 100)
1	270.00	180.00	66.67
2	270.00	180.00	66.67
3	270.00	180.00	66.67
4	290.00	190.00	65.52
5	270.00	180.00	66.67
			0.00
			0.00
			0.00
			0.00
			0.00
TOTAL	1,370.00	910.00	

## Task 3: How eco-friendly are the vehicles in your school?

What is the ownership used by the vehicles used in your school? Please choose what is applicable?

School does not use or own 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 Staff	Total
Schoool Bus	0	0	0	0
Public Bus	0	2	0	2
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	0	0	0
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	0	0	0	0

Personal four-wheeler	0	0	0	0
Personal two-wheeler	0	2	0	2
Bicycle	0	0	0	0
On foot	90	1	2	93
Others (non-motorised)	0	0	0	0
SUB-TOTAL	90	5	2	97

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



0

Does the school laboratory have air quality monitoring equipment?

No

No documents uploaded by the school.

If No, is there an air quality monitoring station (private or government) close to your school?

No



# **Task 1: Energy Audit Team**

### **Teachers**

Sno.	Name	Email
1.	Rakesh kumar sharma	rksharma554@gmail.com
2.	Lokesh Jangid	bolyawala@satyabhartischool.org
3.	Sube singh yadav	bolyawala@satyabhartischool.org

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3.	Sube singh	bolyawala@satyabhartischool.org
4.	Harslata sharma	bolyawala@satyabhartischool.org

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2.	Dilip	bolyawala@satyabhartischool.org	5
3.	vijay	bolyawala@satyabhartischool.org	5
4.	jiya	bolyawala@satyabhartischool.org	5
5.	pinky	bolyawala@satyabhartischool.org	5
6.	Asha	bolyawala@satyabhartischool.org	5
7.	kana ram	bolyawala@satyabhartischool.org	5
8.	Vishesh	bolyawala@satyabhartischool.org	5
9.	karishma	bolyawala@satyabhartischool.org	4
10.	ruchita	bolyawala@satyabhartischool.org	4

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

1

Does your school have access to an electricity bill?

Yes

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 Megajoules (MJ)	Type of use
Electricity from the board (kwh)	1	3.60	0
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	1.00	3.60	

No documents uploaded by the school.

What appliances does your school have?

	Number	Size	BEE Star Rating
--	--------	------	-----------------

Air Conditioners	0	0	0
Refrigerator	0	0	0
Microwave	0	0	0
Tube Lights	0	0	0
CFL Bulbs	1	60	0
LED Lights	0	0	0
Fans	9	0	0

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

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

295

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.	rAKESH KUMAR SHARMA	rksharma554@gmail.com
2.	Lokesh jangid	bolyawala@satyabhartischool.orgb
3.	Harsh lata sharma	bolyawala@satyabhartischool.org

### **Administrative staff**

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2.	Lokesh jangid	bolyawala@satyabhartischool.org
3.	sube singh	bolyawala@satyabhartischool.org
4.	Harslata sharma	bolyawala@satyabhartischool.org

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5.	Kana Ram Meena	bolyawala@satyabhartischool.org	5
6.	Jiya Meena	bolyawala@satyabhartischool.org	5
7.	Pinki Bunker	bolyawala@satyabhartischool.org	5
8.	Asha bunker	bolyawala@satyabhartischool.org	5
9.	Karishma Meena	bolyawala@satyabhartischool.org	4
10.	Ruchita Meena	bolyawala@satyabhartischool.org	4

# Task 2: Find out about the food service in your school.

Does your school have a provision/space to sell packaged food items within the campus

No

Does your school serve midday meals?

## Task 3: What kind of food is served/sold in your school

What kind of food is being served / sold in your school

	Please count all flavours/variants available in the school canteen separately	Total number of items sold in a month in the canteen	Month the food items were sold in
Savoury snacks and similar packaged food like chips, Kurkure, Cheetos, potato crisps, corn snacks, nuts and seeds, etc	0	0	0
Instant Noodles like Knorr, Cup-a- noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	0	0	0
Potato fries and Burgers	0	0	0
Confectionery items (chocolate, candies, gums)	0	0	0
Ice-cream	0	0	0
Carbonated beverages	0	0	0
Sugar sweetened noncarbonated beverages	0	0	0
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	0	0
Packaged/Bottled Energy Drinks	0	0	0

No documents uploaded by the school.

Does your school serve traditional Indian snacks?

No

Does your school serve traditional Indian beverages?

No

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

Does the school distribute packaged food items as rewards during schools events?

Yes

6(a) Please provide details
Fruits,sweets,khir,jalebi

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

No

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

No



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

### **Teachers**

Sno.	Name	Email
1.	Rakesh kumar sharma	rksharma554@gmail.com
2.	Lokesh jangid	bolyawala@satyabhartischool.org
3.	Sube singh yadav	bolyawala@satyabhartischool.org

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4.	Harslata sharma	bolyawala@satyabhartischool.org

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3.	Vijay	bolyawala@satyabhartischool.org	5
4.	Vishesh	bolyawala@satyabhartischool.org	5
5.	KanaRam	bolyawala@satyabhartischool.org	5
6.	Jiya	bolyawala@satyabhartischool.org	5
7.	Pinki	bolyawala@satyabhartischool.org	5
8.	Asha	bolyawala@satyabhartischool.org	5
9.	Karishma	bolyawala@satyabhartischool.org	4
10.	Ruchita	bolyawala@satyabhartischool.org	4

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

Complete the table:

	Your school's area
Site area in square meter (m2)	450

Ground coverage area	150
Green landscaped area on-ground	70
Surface parking area	20
Play area that is paved/ concrete on ground	30
Play area that has grass on ground	100
Service Area on ground	0
Roof and terrace area	250
Green cover on exposed roof & terrace	0
Total built up/constructed area	300
Total no. of floors	1
Others	0

## Task 3: Explore the number of species of plants and animals in your school

How many species of plants and animals exist in your school?

	Native	Exotic	Total
Plants	130	3	133
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



# WATER

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

#### **Teachers**

Sno.	Name	Email
1.	lokesh jangid	bolayawala@satyabhartischool.org
2.	Sube singh	bolyawala@satyabhartischool.org
3.	Harslata sharma	bolyawala@satyabhartischool.org

### **Administrative staff**

Sno.	Name	Email
1.	Rakesh sharma	bolayawala@satyabhartis cc hoolorg
2.	sube singh	bolyawala@satyabhartischool.org
3.	lokesh jangid	bolyawala@satyabhartischool.org
4.	Harslata sharma	bolyawala@satyabhartischool.org

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3.	Vijay	bolyawala@satyabhartischool.org	5
4.	kanaram	bolyawala@satyabhartischool.org	5
5.	Jiya	bolyawala@satyabhartischool.org	5
6.	Asha	bolyawala@satyabhartischool.org	5
7.	Suraj	bolyawala@satyabhartischool.org	5
8.	Vijay	bolyawala@satyabhartischool.org	5
9.	Karisma	bolyawala@satyabhartischool.org	4
10.	Ruchita	bolyawala@satyabhartischool.org	4

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

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	300

Toilet flushing	50
Personal cleaning	20
Washing clothes	10
Cooking	20
Cleaning Utensils	15
Washing Vegetables	7
Mopping floors	8
Gardening	15
Total	445

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

Where does the water your school uses, come from?

Ground water

Who supplies the water in your school?

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

Does your school get daily water supply?

Yes

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

2-6 hours

## Task 4: What are the water conservation practices followed in your school?

What are the water conservation practices your school follows.

	Yes / No
Does your school have any water and sanitation policy?	No
If your school has an eco-club, do they have water component?	No
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?	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?	No
Does your school use a drip or irrigation system?	No
Any other step taken for water conservation? (if Yes, please specify)	Yes

## 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?.

No

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, Mopping, Toilets

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

Yes

6(b)(2)(a) Total capacity of storage tank (litres)

5000.00

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

1.00

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

Underground

	18 01 29
6(b)(2)(d)	Material options for tanks
	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
	Storage tank
6(e)	Rate your catchment on cleanliness:
	Good
No docum	nents uploaded by the school.
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?

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

Pre-monsoon

Yes

What is the trend of groundwater level in your school across the year?

If there was a decrease, please specify

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

1-5 metre annually

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?	No
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?

4

How many hand pumps do you have?

1

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

2

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

	Girls	Boys	Common	Total
Number of toilets	2	3	1	6

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

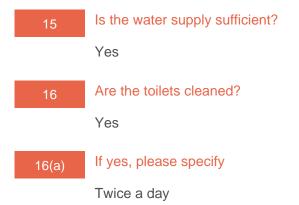
2

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

0

ls there a water storage system in place to supply water in the toilets?

Yes



## Task 7: Does your school reuse/recycle waste water?

Does your school treat wastewater?

No

Does your school reuse the treated wastewater?

Yes

How does your school reuse wastewater?

Gardening



### **Task 1: Waste Audit Team**

#### **Teachers**

Sno.	Name	Email
1.	Lokesh jangid	bolayawala@satyabhartschool.org
2.	Sube singh	bolyawala@satyabhartischool.org
3.	Harslata sharma	bolyawala@satyabhartischool.org

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6.	Jiya	bolyawala@satyabhartischool.org	5
7.	Asha	bolyawala@satyabhartischool.org	5
8.	Pinki	bolyawala@satyabhartischool.org	5
9.	Krisma	bolyawala@satyabhartischool.org	4
10.	Ruchita	bolyawala@satyabhartischool.org	4

# 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. Housekeeping (Sweeper)

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	5	0	3	2	0
Playgrounds	3	0	2	1	0
Common area (e.g. reception, corridors)	2	0	1	1	0
Staffroom	3	0	2	1	0
Laboratory	0	0	0	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	0	0	0	0	0
Library	3	0	2	1	0
Toilets	5	0	4	1	0
Others	2	0	1	1	0
Total	23	0	15	8	0

No documents uploaded by the school.

# Task 3: How much waste does your school generate?

Determine the quantity of waste generated in your school. (in kilogram)

	Collection per month (Frequency may differ)
Garden/ horticulture waste	3
Kitchen waste	2
Paper	5
Plastic	0
Wood, glass, metal, classroom furniture	1

E-waste	0
Biomedical waste	1
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	12

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

Does your school recycle any generated waste?

Yes

Please provide quantity of which is applicable. (in kilogram)

	Quantity
Garden/ horticulture waste	2
Kitchen waste	2
Paper	3
Plastic	0
Wood, glass, metal, classroom furniture	2
E-waste	0
Biomedical waste	0
Sanitary waste	2
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total (in kilogram)	11

5a What is the methodology used?

Natural composting without added microbes

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

10.00

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

For school garden

Does your school encourage students & teachers to reuse textbooks?

No

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)	<b>✓</b>	×	×	×
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)	✓	×	×	×
Wood,glass, metal scrap, other scrap	✓	×	×	×
Biomedical waste (e.g. waste from Nurse's room in school, e.g. band-aids, syringe)	✓	×	×	×

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

8

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

Landfill Site

No documents uploaded by the school.

9

Does your school burn waste?

Yes

No documents uploaded by the school.

9a

Where does your school burn waste?

Outside the school

9b

What kind of waste is being burnt/ incinerated?

Paper

10

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

	Total	Working conditions	Non-working condition
TVs	0	0	0
VCR or DVD players	0	0	0
Refrigerators and freezers	0	0	0
Washing machines	0	0	0
Air conditioners	0	0	0
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)	1	1	0

Laptop computer (CPU, mouse, screen and keyboard included)	2	1	1
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	0	0	0
Copying equipment (Photocopiers)	0	0	0
Projectors	0	0	0
Whiteboards	0	0	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	0	0	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	0	0	0
Pay telephones	0	0	0
Mobiles	1	1	0
Answering systems	0		

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

### Task 6: School's initiatives

Does the school have a policy on waste?

Yes

No

## Policy document

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

Yes

13a What form do these awareness drives take?

As part of the curriculum

Is the study of the environment integrated into the curriculum?

Yes



Has your school participated in the Green Schools Programme (GSP) Audit before?

No

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?

Support to me for green school

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 topic/s that you strongly feel should be added or deleted in the audit?

No

Could you finish all the tasks in given period of time online?

Yes

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

More than twice

Water being the focus this year, did you find the questionnaire in Water section helpful to make your school understand how to become water efficient?

Yes

Did your students enjoy doing the Water activities?

Yes

How many students were involved in the activities?

### **Checklist of uploaded documents**

20.00

- 1. Electricity Bill
- 2. Picture of Mid-day meal being served
- 3. Pictures of Green Cover
- 4. Pictures of landscaped area
- 5. Building construction plan
- 6. Pictures of burning waste