

Responses for Green Schools Programme Audit 2016

School Name: UTSABCHARAN GAJIANI CHANDI

JUNIOR COLLEGE

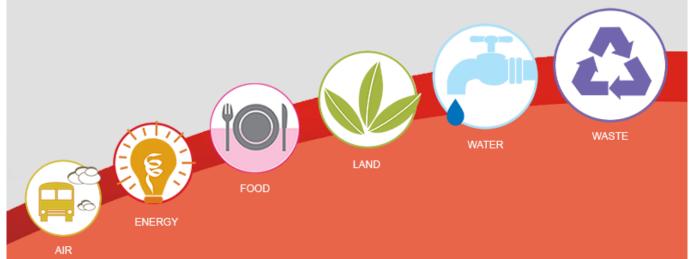
Address: AT- BARTANA, PO- BARTANA, VIA-

JALESWA, DIST-BALASORE,

BALASORE, Balasore (Baleswar),

Odisha, India

Coordinator Name: SUBASCHANDRA PATTANAYAK



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

UTSABCHARAN GAJIANI CHANDI JUNIOR COLLEGE

2 Address

AT- BARTANA, PO- BARTANA, VIA- JALESWA, DIST- BALASORE, BALASORE, Balasore (Baleswar), Odisha, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 06781 (NUMBER) 222245

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9040530512

5 Principal Name

KALIKINKAR MOHANTY

6 GSP Coordinator Name

SUBASCHANDRA PATTANAYAK

GSP Coordinator Email

trilochanb8@gmail.com

6 GSP Coordinator Mobile Number

(ISD)91 (Number) 9937530603

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:3

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: Odisha

Total permanent population of the school

	Male	Female	Total
Students	190	200	390
Teachers	5	2	7
Non-Teaching Staff	8	1	9
TOTAL	203	203	406

4(b) How many visitors visit your school

2

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

243

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

Aug, Oct, Nov

Where is the school located?

Rural Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	kalikinkar Mohanty	kalikinkar Mohanty
2.	harisankar Das	trilochanb8@gmail.com
3.	Hemanta Kumar Sahoo	trilochanb8@gmail.com

Administrative staff

Sno.	Name	Email
1.	Paresh Chandra Kamila	trilochanb8@gmail.com
2.	Sushmita Das	trilochanb8@gmail.com
3.	Sunil Kumar Mohanty	trilochanb8@gmail.com
4.	Ganganarayan Das Mohapatra	trilochanb8@gmail.com
5.	Chittaranjan Das	trilochanb8@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	MAMATA RANI BEHERA	trilochanb8@gmail.com	1
2.	PRADEEP KUMAR BARIK	trilochanb8@gmail.com	1
3.	JHARANA SINGH	trilochanb8@gmail.com	3
4.	MANORANJAN NANDI	trilochanb8@gmail.com	3
5.	AKASH KUMAR PATRA	trilochanb8@gmail.com	3
6.	SASMITA JENA	trilochanb8@gmail.com	1
7.	ANAMIKA DAS	trilochanb8@gmail.com	1
8.	BANDANA PRADHAN	trilochanb8@gmail.com	1
9.	DEEPAK KUMAR DEY	trilochanb8@gmail.com	3
10.	GAYATRI RANA	trilochanb8@gmail.com	3

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

1

How many classrooms does your school have?

5

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	45.00	17.00	37.78
2	46.00	17.00	36.96
3	45.00	17.00	37.78
4	50.00	17.00	34.00
5	30.00	17.00	56.67
6	30.00	15.00	50.00
7	10.00	10.00	100.00
8	14.00	6.00	42.86
9	30.00	15.00	50.00
10	6.00	5.00	83.33
TOTAL	306.00	136.00	

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	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	0	0	0	0

Taxi three-wheeler	0	0	0	0
Personal four-wheeler	0	0	0	0
Personal two-wheeler	0	4	4	8
Bicycle	350	2	3	355
On foot	40	2	1	43
Others (non-motorised)	0	0	0	0
SUB-TOTAL	390	8	8	406

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



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.	hematna kumar sahoo	trilochanb8@gmail.com
2.	paresh chandra kamil	trilochanb8@gmail.com
3.	gitarani nayak	trilochanb8@gmail.com

Administrative staff

Sno.	Name	Email
1.	ganganarayan das mohapatra	trilochanb8@gmail.com
2.	sunil kumar mohanty	trilochanb8@gmail.com
3.	nabakrushan kamial	trilochanb8@gmail.com
4.	chittaranjan das	trilochanb8@gmail.com
5.	madhusudan pradhan	trilochanb8@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	BIJAY KUMAR MOHAPATRA	trilochanb8@gmail.com	1
2.	RABINDRA JENA	trilochanb8@gmail.com	2
3.	LAXMINARAYAN DAS	trilochanb8@gmail.com	1
4.	RAJKUMAR ROUT	trilochanb8@gmail.com	2
5.	RAJKUMAR DAS	trilochanb8@gmail.com	1
6.	SEKH JABED ABEDIN	trilochanb8@gmail.com	2
7.	BHABENDRA RANA	trilochanb8@gmail.com	1
8.	PURNACHANDRA BHUYAN	trilochanb8@gmail.com	3
9.	BANAMALI JENA	trilochanb8@gmail.com	1
10.	NIRANJAN DAS	trilochanb8@gmail.com	2

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. bill.jpg

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)	3	10.80	1
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	3.00	10.80	

	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	15	25	yes
LED Lights	14	10	yes
Fans	20	80	yes

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



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.	kalikinkar mohanty	mkmohantykalikinkar58@gmai.com
2.	hemanta kumar sahoo	trilochanb8@gmail.com
3.	gitarani nayak	trilochanb8@gmail.com

Administrative staff

Sno.	Name	Email
1.	SUDAM CHARAN DAS	trilochanb8@gmail.com
2.	CHAKRADHAR DALAI	trilochanb8@gmail.com
3.	SAHADEB JENA	trilochanb8@gmail.com
4.	SURYAKANTA KAR	trilochanb8@gmail.com
5.	BENU DHAR NANDI	trilochanb8@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SHAKUNTALA BEHERA	trilochanb8@gmail.com	1
2.	HAREKRUSHNA DAS	trilochanb8@gmail.com	2
3.	SATYARANJAN DAS	trilochanb8@gmail.com	3
4.	RAKESH KUMAR ANDIA	trilochanb8@gmail.com	1
5.	SAPAN KUMAR KARAN	trilochanb8@gmail.com	2
6.	DIPURANJAN DAS	trilochanb8@gmail.com	3
7.	SARASWATI MOHANTA	trilochanb8@gmail.com	1
8.	KARTIK CHANDRA KAMILA	trilochanb8@gmail.com	2
9.	RAJESH KUMAR PATRA	trilochanb8@gmail.com	3
10.	JANARDAN DUTTA	trilochanb8@gmail.com	1

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?

No

No documents uploaded by the school.

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



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

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

No

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.	paresh chandra kamila	trilochanb8@gmail.com
2.	sushmita das	trilochanb8@gmail.com
3.	hemanta sahoo	trilochanb8@gmail.com

Administrative staff

Sno.	Name	Email
1.	chhitaranjan das	trilochanb8@gmail.com
2.	ganganarayan das mohapatra	trilochanb8@gmail.com
3.	nabakrushna kamila	trilochanb8@gmail.com
4.	sunil kumar mohanty	trilochanb8@gmail.com
5.	madhusudan pradhan	trilochanb8@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	ALOK KUMAR BEHERA	trilochanb8@gmail.com	1
2.	KUNI MANI SAHOO	trilochanb8@gmail.com	2
3.	SADASHIVA SENAPATI	trilochanb8@gmail.com	3
4.	RAKESH BHUYAN	trilochanb8@gmail.com	1
5.	ABHIJIT PAL	trilochanb8@gmail.com	2
6.	KAMAL LOCHAN BEHERA	trilochanb8@gmail.com	3
7.	TAPAS KUMAR BEHERA	trilochanb8@gmail.com	1
8.	SUJATA DHAL	trilochanb8@gmail.com	2
9.	SUJATA SETHI	trilochanb8@gmail.com	3
10.	MANAS KUMAR MAHANA	trilochanb8@gmail.com	2

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

Complete the table:

1

Site area in square meter (m2)	3,000
Ground coverage area	1,200
Green landscaped area on-ground	1,200
Surface parking area	600
Play area that is paved/ concrete on ground	0
Play area that has grass on ground	400
Service Area on ground	500
Roof and terrace area	0
Green cover on exposed roof & terrace	0
Total built up/constructed area	1,500
Total no. of floors	3
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	0	0	0
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.	gitarani nayak	trilochanb8@gmail.com
2.	hemanta sahoo	trilochanb8@gmail.com
3.	sushmita das	trilochanb8@gmail.com

Administrative staff

Sno.	Name	Email
1.	chhitaranjan das	trilochanb8@gmail.com
2.	nabkrushna kamila	trilochanb8@gmail.com
3.	sunil mohanty	trilochanb8@gmail.com
4.	ganganarayan das mohapatra	trilochanb8@gmail.com
5.	jogendra samal	trilochanb8@gmail.com

Students

Sno.	Name	Email	Grade/Class	
1.	CHINMAY PATRA	trilochanb8@gmail.com	1	
2.	DEEPAK KUMAR PATRA	trilochanb8@gmail.com	2	
3.	CHANDAN KUMAR BADHU	trilochanb8@gmail.com	1	
4.	SAGAR KUMAR DAS	trilochanb8@gmail.com	2	
5.	GOURIMANI BEHERA	trilochanb8@gmail.com	1	
6.	MANAS KUMAR GIRI	trilochanb8@gmail.com	2	
7.	PRIYANKA SAHU	trilochanb8@gmail.com	3	
8.	PUSPANJALI RANA	trilochanb8@gmail.com	1	
9.	PRIYANKA SAHU	trilochanb8@gmail.com	2	
10.	HARI CHANDAN BEHERA	trilochanb8@gmail.com	3	

Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

Drinking	20
Toilet flushing	60
Personal cleaning	50
Washing clothes	20
Cooking	30
Cleaning Utensils	40
Washing Vegetables	20
Mopping floors	100
Gardening	100
Total	440

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

Where does the water your school uses, come from?

Recycled waste 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

13-18 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

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?	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?	No
Any other step taken for water conservation? (if Yes, please specify)	No

Task 5: Does your school harvest rainwater?

	,
6	Do you have Rainwater harvesting (RWH) system in your school?
	Yes
6(a)	Does your school harvest different catchments?.
	No
6(b)	How does your school harvest rainwater?
	By recharging groundwater
6(b)(1)	Does your school have groundwater recharge structure?
	No
6(c)	How much area in your school is harvested?
	21 to 30 per cent
6(d)	Please select (from the list given below) the rainwater harvesting structures present in your school
	Recharge structure
6(e)	Rate your catchment on cleanliness:
	Average

No

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?
	No
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?

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?

7

How many hand pumps do you have?

1

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

0

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

	Girls	Boys	Common	Total
Number of toilets	0	0	0	0

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

4

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

2

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

Yes

Is the water supply sufficient?

Yes

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?

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.	hemanta sahoo	trilochanb8@gmai.com	
2.	gitarani nayak	trilochanb8@gmai.com	
3.	paresh chandra kamila	trilochanb8@gmai.com	

Administrative staff

Sno.	Name	Email
1.	chittaranjan das	trilochanb8@gmai.com
2.	nabakrushna kamila	trilochanb8@gmai.com
3.	sunil mohanty	trilochanb8@gmai.com
4.	jogendra samal	trilochanb8@gmai.com
5.	ganganaryan das mohapatra	

Students

Sno.	Name	Email	Grade/Class
1.	SUJATA RANI BEHERA	trilochanb8@gmai.com	1
2.	SANDEEP KUMAR PRADHAN	trilochanb8@gmai.com	2
3.	HARI CHANDAN BEHERA	trilochanb8@gmai.com	1
4.	DEBABRATA GIRI	trilochanb8@gmai.com	3
5.	BANDANA PRADHAN	trilochanb8@gmai.com	2
6.	SK BASIR	trilochanb8@gmai.com	1
7.	SK BELAL	trilochanb8@gmai.com	2
8.	SASMITA JENA	trilochanb8@gmai.com	2
9.	DEEPAK KUMAR PRADHAN	trilochanb8@gmai.com	1
10.	RACHANA BEHERA	trilochanb8@gmai.com	1

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

1

Does your school segregate solid waste?

No

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	4	1	1	1	1
Playgrounds	3	1	1	1	0
Common area (e.g. reception, corridors)	1	0	0	0	1
Staffroom	2	1	1	0	0
Laboratory	0	0	0	0	0
Canteen	3	1	1	1	0
Clinic/ Sick room	3	1	1	1	0
Library	1	1	0	0	0
Toilets	4	1	1	1	1
Others	3	1	1	1	0
Total	24	8	7	6	3

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	50
Kitchen waste	5
Paper	5
Plastic	2
Wood, glass, metal, classroom furniture	5
E-waste	1
Biomedical waste	0

Sanitary waste	12
Construction and Demolition (C & D) waste	1
Hazardous waste	1
Total Generated Solid Waste (in kilogram)	82

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?

No

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)	✓	×	×	×
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)









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)

No documents uploaded by the school.

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	1	1	0
VCR or DVD players	0	0	0
Refrigerators and freezers	1	1	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)	2	2	0

Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	4	3	1
Copying equipment (Photocopiers)	1	1	0
Projectors	0	0	0
Whiteboards	0	0	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	1	1	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	0	0	0
Pay telephones	0	0	0
Mobiles	0	0	0
Answering systems	0	0	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?

No

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

No

ls the study of the environment integrated into the curriculum?

No



FEEDBACK

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

No

3(a) If no, then please share your suggestions.

it will be better

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?

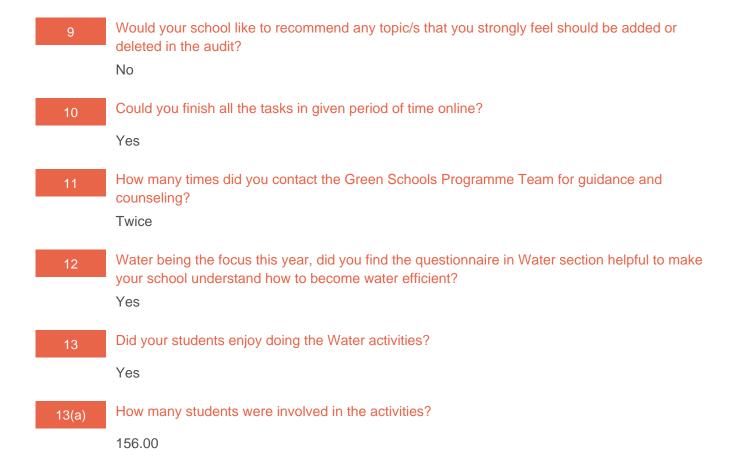
Yes

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

financial suppert

How would you rate the overall design of the audit?

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



Checklist of uploaded documents

1. Electricity Bill