



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: major ajaib singh convent school
Address: jeonwala, kotkapura, Faridkot, Punjab,
India
Coordinator Name: babita



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

major ajaib singh convent school

2

Address

jeonwala, kotkapura, Faridkot, Punjab, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 01635 (NUMBER) 248603

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9646802312

5

Principal Name

Sukhchain singh brar

6

GSP Coordinator Name

babita

7

GSP Coordinator Email

babitatakhar14@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9646802312

9

Category Of The School

Day Scholar + Residential

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	0590	444	1034
Teachers	8	39	47
Non-Teaching Staff	3	2	5
TOTAL	601	485	1086

4(b) How many visitors visit your school

30

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

235

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

Sep, Oct

7 Where is the school located?

Rural Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Rajdeep kaur	Rajdeep kaur
2.	Naseeb kaur	mani05638@gmail.com
3.	Babita	babitatakar14@gmail.com

Administrative staff

Sno.	Name	Email
1.	Vikas Goyal	
2.	Alka Bindal	
3.	Minakshi singla	
4.	veerpal kaur sekhon	
5.	saroj bala	

Students

Sno.	Name	Email	Grade/Class
1.	kamaljeet kaur		75
2.	gulshan kaur		8
3.	harmandeep kaur		9
4.	armaandeep singh		6
5.	nishan singh		7
6.	manjot kaur		9
7.	gurwinder singh		7
8.	prabhdeep kaur		7
9.	savjot singh		9
10.	gurpreet singh		9

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

1

How many classrooms does your school have?

2

Window-floor ratio of classrooms in the school.

Details of the classroom (e.g. Class II section b)	X = Area of floor (LxB)	Y = Area of openings (LxH)	Percentage of the floor area being ventilated (Y/X x 100)
pre primary	15.90	2.40	15.09
pre primary	15.90	2.40	15.09
primary class I section a	15.90	2.40	15.09
primar class 4 b	15.90	2.40	15.09
middle class 7section a	15.80	2.20	13.92
middle class8 section c	15.80	2.20	13.92
secondary class 9 sectio. a	15.80	2.20	13.92
secondry	15.80	2.20	13.92
Sr. Sec.	15.80	2.20	13.92
Sr. Sec.	15.80	2.20	13.92
TOTAL	158.40	22.80	

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?

A combination of school-owned and operator-owned vehicles

3(a)

Provide details of school-owned motorized vehicles .

	Buses	Cars	Vans	Others	Total
No. of vehicles	6	0	0	0	6
No. of vehicles more than five years old	0	0	0	0	0
Air conditioned	0	0	0	0	0
No. of vehicles with PUC done	6	0	0	0	6
Parking area (m2)	0	0	0	0	0

No documents uploaded by the school.

3(b)

Specify the type of fuel used by your school vehicles:

	Diesel	Petrol	LPG	CNG	Electric	Hybrid
Bus	1050	0	0	0	0	0
Car	0	0	0	0	0	0
Van	0	0	0	0	0	0
Other vehicles	0	0	0	0	0	0
SUB-TOTAL	1050	0	0	0	0	0

Supporting Documents

1. IMG_1369.JPG

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	897	47	1	945
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	1	0	1
Bicycle	1	0	0	1
On foot	115	0	0	115

Others (non-motorised)	21	0	3	24
SUB-TOTAL	1034	48	4	1086

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

5

How many students suffer from respiratory ailments ?

0

6

Does the school laboratory have air quality monitoring equipment?

Yes

No documents uploaded by the school.



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	Priynka Garg	priyankagarg525@gmail.com
2.	Rajdeep Kaur	rajdeep 98722@gmail.com

Administrative staff

Sno.	Name	Email
1.	Alka Bindal	abindal71@gmail.com
2.	Vikas Goyal	vkgoyal1985@gmail.com
3.	Balwinder Gill	gillbalwinder23@gmail.com
4.	Dapinder Kaur Sandhu	sandhu.deepu1@gmail.com
5.	Parmjeet Kaur Thind	

Students

Sno.	Name	Email	Grade/Class
1.	komalpreet kaur		8
2.	amandeep kaur		8
3.	harjot kaur		8
4.	taranveer kaur		

Task 2: How much energy does your school consume?

1 Does your school have access to an electricity bill?

No

No documents uploaded by the school.

2 Does your school have its own vehicles?

Yes

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)	4499	16196.40	3
Electricity from generator (diesel) (litres)	40	1824.00	1
Petrol (litres)	0	0.00	0
Diesel (litres)	1050	47880.00	1
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)	1.8	6.48	2
Wind (kwh)	0	0.00	0
LPG (kilogrammes)	76	3921.60	2
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	5666.80	69828.48	

Supporting Documents

1. IMG-20161118-WA0032.jpg

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	11	1.5	5
Refrigerator	1	310	3
Microwave	0	0	0
Tube Lights	0	0	0

CFL Bulbs	70	23	0
LED Lights	45	22	0
Fans	110	70	0

Supporting Documents

1. IMG-20160610-WA0007.jpg

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

5

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

175

6

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

Yes

6(a)

Name the alternate sources of energy employed/ installed in your school?

Solar

No documents uploaded by the school for energy chapter.



FOOD

Task 1: Food Audit Team

Teachers

Sno.	Name	Email
1.	naveen garg	Bbb@gmail.com
2.	rajdeep kaur	rajdeep98755@gmail.com
3.	babita	Babitatakkar14@gmail.com

Administrative staff

Sno.	Name	Email
1.	Paramjeet kaur thind	
2.	Vinod sachdeva	
3.	Alkabindal	
4.	Minakshi Singha	
5.	vikas gopyal	

Students

Sno.	Name	Email	Grade/Class
1.	Simran Kaur		
2.	Jaspinder Singh		
3.	Kamaldeep Singh		
4.	Meenpal singh		
5.	Pavneet kaur		
6.	Taranveer singh		
7.	Rajdeep Kaur		
8.	Harinder Singh		
9.	Parminder singh		
10.	Arshdeep kaur		

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?

1000.00

2(a)(2)

Of the students who bring lunch from home, how many bring packaged food?

34.00

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	10	100	9
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)	9	300	9
Ice-cream	5	750	3
Carbonated beverages	0	0	0
Sugar sweetened noncarbonated beverages	2	240	9

Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	4	50	4
Packaged/Bottled Energy Drinks	4	100	4

Supporting Documents

1. IMG-20160612-WA0026.jpg

4

Does your school serve traditional Indian snacks?

No

5

Does your school serve traditional Indian beverages?

Yes

5(a)

Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	5
Sweet lassi	5
Salted butter milk	0
Aam Panna	0
Others	0

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

6

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

No

7

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

No

8

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

No

Supporting Documents

1. IMG-20161118-WA0029.jpg



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Alka Sharma	rajdeep98722@gmail.com
2.	Babita	babitatakhar14@gmail.com
3.	NaseebKaur	priyankagarg5252@gmail.com

Administrative staff

Sno.	Name	Email
1.	Balwinder Gill	
2.	veerpal Kaur	
3.	Vikas Goyal	
4.	Dapinderjit Kaur Sandhu	sandhdeepu1@gmail.com
5.	Saroj Bala	

Students

Sno.	Name	Email	Grade/Class
1.	Mandeep Kaur		
2.	Gurmandeep Singh		10
3.	Lovepreet Singh		10
4.	Prabhjot Kaur		11
5.	Amandeep Kaur		11
6.	Ravneet kaur		11
7.	Harpreet Sharma		11
8.	Komalpreet Kaur		11
9.	Manpreet Kaur		11
10.	Jashandeep kaur		11

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

1

Complete the table:

	Your school's area
Site area in square meter (m2)	12,450
Ground coverage area	915
Green landscaped area on-ground	4,000
Surface parking area	0
Play area that is paved/ concrete on ground	5,152
Play area that has grass on ground	4,000
Service Area on ground	12,140
Roof and terrace area	4,149
Green cover on exposed roof & terrace	0
Total built up/constructed area	12,448
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	39	4	43
Animals	1	0	1

Task 4: Find out if your school uses pesticides

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

No

No documents uploaded by the school.



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	alka sharma	Alka.sharma7@gmail.com
2.	harinder kaur	harinderkaur67.hk@gmail.com
3.	Priyanka garg	priyankagarg525@gmail.com

Administrative staff

Sno.	Name	Email
1.	vikas goyal	
2.	Alka bindal	
3.	veerpal kaur	
4.	paramjeet kaur thind	
5.	vinod sachdeva	

Students

Sno.	Name	Email	Grade/Class
1.	Jasmeen kaur		10
2.	meenpal singh		10
3.	lovepreet kaur		9
4.	simarjeet kaur		8
5.	sumanpreet kaur		8
6.	harjot singh		9
7.	harmandeep kaur		8
8.	priya		11
9.	komaldeepn singh		9
10.	amandeep kaur		10

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	1050
Toilet flushing	2500
Personal cleaning	1000
Washing clothes	500
Cooking	200
Cleaning Utensils	150
Washing Vegetables	50
Mopping floors	500
Gardening	700
Total	6650

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, Rain water, Recycled waste water

3 Who supplies the water in your school?

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

4 Does your school get daily water supply?

Yes

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

2-6 hours

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

5 What are the water conservation practices your school follows.

	Yes / No
Does your school have any water and sanitation policy?	Yes
If your school has an eco-club, do they have water component?	Yes
Do all tanks in the school have float valves installed to stop overflow?	Yes

Do the drinking water points have spill proof taps to check overflow?	Yes
Does your school use appliances with a quick-wash setting?	Yes
Are dual flush systems installed in the toilets?	No
Does your school encourage bottled water for drinking water?	No
Does your school grow local plant species which require limited amount of water to grow?	Yes
Has your school initiated any water conservation steps in the school or outside, in the past one year?	Yes
Does your school use a drip or irrigation system?	Yes
Any other step taken for water conservation? (if Yes, please specify)	Yes

No documents uploaded by the school.

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?

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, Toilets

6(b)(2)

Does your school have rainwater storage tank?

Yes

6(b)(2)(a)

Total capacity of storage tank (litres)

12000.00

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

2.00

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?

81 to 90 per cent

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

Gutters, Storage tank, Pump unit

6(e) Rate your catchment on cleanliness:

Good

No documents 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?

Do not follow any such pattern

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?

Do not follow any such pattern

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

No change

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?

25

9

How many hand pumps do you have?

0

10

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

50

11

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

	Girls	Boys	Common	Total
Number of toilets	22	168	0	190

12

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

10

13

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

5

14

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

Yes

15 Is the water supply sufficient?

Yes

16 Are the toilets cleaned?

Yes

16(a) If yes, please specify

More than twice a day

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

17 Does your school treat wastewater?

Yes

18 Does your school reuse the treated wastewater?

Yes

18(a) How does your school reuse wastewater?

Flushing

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	babita	babitatakhar14@gmail.com
2.	naseeb kaur	kaurnaseeb@gmail.com

Administrative staff

Sno.	Name	Email
1.	vikas goyal	
2.	alka bindal	abindal71@gmail.com
3.	saroj bala	
4.	minakshi singla	
5.	veerpall kaur	

Students

Sno.	Name	Email	Grade/Class
1.	manpreet kaur		10
2.	khusdeep kaur		11
3.	jagdeep kaur		11
4.	arshdeep singh		10
5.	akashdeep singh		10
6.	manjot kaur		7
7.	dilbhag singh		10
8.	armandeep kaur		7
9.	akashdep kaur		7
10.	harmandeep kaur		7

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

Waste collection points in your school.

	Total No. of collection points	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms	34	0	33	1	0
Playgrounds	12	0	7	2	3
Common area (e.g. reception, corridors)	9	0	1	1	7
Staffroom	5	0	4	1	0
Laboratory	5	0	4	1	0
Canteen	4	0	0	1	3
Clinic/ Sick room	2	0	1	1	0
Library	2	0	1	1	0
Toilets	25	0	20	5	0
Others	10	0	8	2	0
Total	108	0	79	16	13

No documents uploaded by the school.

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	1
Kitchen waste	10
Paper	1
Plastic	0

Wood, glass, metal, classroom furniture	.5
E-waste	0
Biomedical waste	0
Sanitary waste	4
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	16.5

No documents uploaded by the school.

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	.5
Kitchen waste	5
Paper	0
Plastic	0
Wood, glass, metal, classroom furniture	0
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total (in kilogram)	5.5

5 Does your school have a composting facility?

Yes

No documents uploaded by the school.

5a What is the methodology used?

Natural composting without added microbes

5b What is the quantity of compost that is generated per month(in kilogram)?

3.00

5c What is the purpose of the compost that is generated per month?

For school garden

6 Does your school encourage students & teachers to reuse textbooks?

Yes

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

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

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?

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?

Horticultural

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	1	1	0
Washing machines	1	1	0
Air conditioners	12	12	0
Heaters	1	1	0
Microwaves	1	1	0
Ovens	3	3	0
Toasters	1	1	0

Electric Kettles	3	3	0
Personal computers (CPU, mouse, screen and keyboard included)	33	33	0
Laptop computer (CPU, mouse, screen and keyboard included)	5	5	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	5	5	0
Copying equipment (Photocopiers)	1	1	0
Projectors	10	10	0
Whiteboards	34	34	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	5	5	0
Fax machines	1	1	0
Telex	0	0	0
Telephones	15	15	0
Pay telephones	0	0	0
Mobiles	10	10	0
Answering systems	40	40	0

No documents uploaded by the school.

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 extracurricular activities such as guest lectures , 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?

Yes

1(a)

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

2014

1(b)

If yes, how many times have you done the audit?

3

2

Have teachers from your school participated in teacher interactive workshops organized by the GSP team?

Yes

3

Did you find the online information relevant to your environmental education activities?

Yes

4

Was the audit easy-to-understand and self-explanatory?

Yes

5

Did you understand the present format of the GSP?

No

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?

None

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	Average

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?

No

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?

50.00

Checklist of uploaded documents

1. Electricity Bill
2. Picture of Canteen selling UPPF
3. Pictures of Green Cover
4. Pictures of landscaped area
5. Pictures of respective audit teams doing survey