

Responses for Green Schools Programme Audit 2016

School Name: RAYAT INTERNATIONAL SCHOOL

Address: VPO-RAILMAJRA, TEHSIL-

BALACHAUR, DISTT-SBS NAGAR

PUNJAB, BALACHAUR, Shahid Bhagat

Singh Nagar, Punjab, India

Coordinator Name: Seema sharma



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
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RAYAT INTERNATIONAL SCHOOL

2 Address

VPO-RAILMAJRA, TEHSIL-BALACHAUR, DISTT-SBS NAGAR PUNJAB, BALACHAUR, Shahid Bhagat Singh Nagar, Punjab, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 01881 (NUMBER) 270791

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9463205207

5 Principal Name

SUBHA RATHORE

6 GSP Coordinator Name

Seema sharma

GSP Coordinator Email

seemasharma127@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 8054573001

Category Of The School

Day Scholar

School Shifts

Morning

GENERAL QUESTIONS

How many levels does your school have?

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

ls your school single gender or mixed gender?

Mixed/Co-education

Which board of education does the school follow?

Central Board of Secondary Education

Total permanent population of the school

	Male	Female	Total
Students	1097	672	1769
Teachers	7	78	85
Non-Teaching Staff	9	28	37
TOTAL	1113	778	1891

4(b) How many visitors visit your school

200

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

275

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

Oct

Where is the school located?

Rural Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Archana Bandula	Archana Bandula
2.	Geetanjali	ris@rayatbahra.com
3.	Babita Parmar	babiraparmar@gmail.com

Administrative staff

Sno.	Name	Email
1.	Amarjit Singh	aman_20092@yahoo.co.in
2.	rohit sharma	rrohit1881@gmail.com
3.	archana kaushal	kaushalarchana79@yahoo.com
4.	natasha dadhwal	dadhwal.natasha@yahoo.in
5.	sunny chandan	sunny121985@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	gourav preet	gouravsanga@gmail.com	9
2.	gurchetan singh	gurchetansingh5911@gmail.com	9
3.	manpree tsingh	manisaaroa1@gmail.com	9
4.	jashanjeet	jashanjeet444@gmail.com	9
5.	harjot singh	harjotsinghjatt1@gmail.com	9
6.	anmol chandan	sureshanmol2003@gmail.com	9
7.	amandeep	amandeeprana229@gmail.com	9
8.	lovejot	lovejot736@gmail.com	9
9.	anmol	anmolsaurav5'gmail.com	9
10.	anmol rana	harjitsinghjatt2@gmail.com	9

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

1

How many classrooms does your school have?

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)
V-B	25.00	20.00	80.00
V-A	25.00	20.00	80.00
V-C	25.00	20.00	80.00
V-D	25.00	20.00	80.00
IV-E	22.00	20.00	90.91
IV-B	22.00	20.00	90.91
IV-C	22.00	20.00	90.91
III-C	22.00	20.00	90.91
III-B	22.00	20.00	90.91
V-B	25.00	20.00	80.00
TOTAL	235.00	200.00	

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-owned vehicles

Provide details of school-owned motorized vehicles .

	Buses	Cars	Vans	Others	Total
No. of vehicles	40	1	0	0	41
No. of vehicles more than five years old	30	0	0	0	30
Air conditioned	0	1	0	0	1
No. of vehicles with PUC done	0	0	0	0	0
Parking area (m2)	50	50	50	50	200

3(b) Specify the type of fuel used by your school vehicles:

	Diesel	Petrol	LPG	CNG	Electric	Hybrid
Bus	40	0	0	0	0	0
Car	1	0	0	0	0	0
Van	0	0	0	0	0	0
Other vehicles	0	0	0	0	0	0
SUB-TOTAL	41	0	0	0	0	0

Supporting Documents

- 1. New Doc 10_9.jpg
- 2. New Doc 12_1.jpg

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	1769	85	37	1891
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	0	0	0
Bicycle	0	0	0	0

SUB-TOTAL	1769	85	37	1891
Others (non-motorised)	0	0	0	0
On foot	0	0	0	0

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



1

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

6(a)



ENERGY

Task 1: Energy Audit Team

Teachers

Sno.	Name	Email
1.	rachana sharma	rachna4web@gmail.com
2.	arti bhutani	arupasricha@gmail.com
3.	kamaljeet kaur	kamal.sweety30@gmail.com

Administrative staff

Sno.	Name	Email
1.	harpal kaur	kaurharpal9447@gmail.com
2.	rohit sharma	rrohit1881@gmail.com
3.	amarjit singh	aman_20092@yahoo.co.in
4.	archana kaushal	kaushalarchana79@yahoo.com
5.	natasha dadhwal	dadhwalnatasha@yahoo.in

Students

Sno.	Name	Email	Grade/Class
1.	gurpreet singh	ris@rayatbahra.com	10
2.	vishal	ris@rayatbahra.com	10
3.	karanpreet singh	ris@rayatbahra.com	10
4.	arjun	ris@rayatbahra.com	10
5.	tushar	ris@rayatbahra.com	10
6.	arshdeep singh	ris@rayatbahra.com	10
7.	simranjit	ris@rayatbahra.com	10
8.	simranjit2	ris@rayatbahra.com	10
9.	ankita	ris@rayatbahra.com	10
10.	kritika	ris@rayatbahra.com	10

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. New Doc 9_10.jpg

Does your school have its own vehicles?

Yes

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)	2500	9000.00	0
Electricity from generator (diesel) (litres)	1000	45600.00	0
Petrol (litres)	0	0.00	0
Diesel (litres)	7776	354585.60	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)	228	11764.80	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	11504.00	420950.40	

No documents uploaded by the school.

	Number	Size	BEE Star Rating
Air Conditioners	6	1.5	3 star
Refrigerator	1	230	5 star
Microwave	0	0	0
Tube Lights	150	40	0
CFL Bulbs	12	15	0
LED Lights	0	0	0
Fans	300	48 inch	0

Supporting Documents

1. New Doc 11_1.jpg

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

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

320

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.	geetanjali	geetanjali@gmail.com
2.	priyanka joshi	vijayjoshi1948@gmail.com
3.	madhvi verma	madhviverma59@gmail.com

Administrative staff

Sno.	Name	Email
1.	rohit sharma	rrohit1881@gmail.com
2.	amarjit singh	aman_20092@yahoo.co.in
3.	archana kaushal	kaushalarchana79@yahoo.com
4.	harpal kaur	kaurharpal9447@gmail.com
5.	sunny chandan	sunny121985@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	gaurav	gaurav22558899@gmail.com	11
2.	animesh chaudhary	anipcd@gmail.com	11
3.	yuvraj singh	yuvisingh036@gmail.com	10
4.	arshdeep singh	bhankharz123@gmail.com	9
5.	khyatish grang	khyatish12@gmail.com	9
6.	manpreet singh	msrai7200@gmail.com	9
7.	arpana	saniarajput200@gmail.com	9
8.	abhikaran singh	akgarang0047@gmail.com	9
9.	sanchi singh	abhisingh0047@gmail.com	7
10.	gurchean singh	gurchetansingh5911@gmail.com	9

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

1

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

No

Does your school serve midday meals?

No

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

Yes

Supporting Documents

1. New Doc 10_1.jpg

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

1500.00

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

150.00

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

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	2	1000	9
Instant Noodles like Knorr, Cup-a- noodles, Top Ramen, Wai-wai, Yippee, Foodles, Maggi, etc	0	0	0
Potato fries and Burgers	1	900	9
Confectionery items (chocolate, candies, gums)	1	250	9
Ice-cream	0	0	0
Carbonated beverages	4	200	9

Sugar sweetened noncarbonated beverages	1	15	9
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	0	0
Packaged/Bottled Energy Drinks	0	0	0

Supporting Documents

1. New Doc 9_4.jpg

Does your school serve traditional Indian snacks?

Yes

Please provide the details:

	Number of plates sold when on the menu
Samosas	400
Idli/vada and sambhar	0
Pav bhaji	0
Momos	0
Others	0

Give descriptions for rare local snacks served in your school:?

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?

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

Supporting Documents

1. New Doc 9_12.jpg



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	meena gupta	meenuguptartp@gmail.com
2.	archana bandula	archana007@gmail.com
3.	neha sharma	nehabhanot2121@gmail.com

Administrative staff

Sno.	Name	Email
1.	rohit sharma	rrohit1881@gmail.com
2.	archana kaushal	kaushalarchana79@yahoo.com
3.	amarjit singh	aman_20092@yahoo.co.in
4.	mohan singh	mohan.ms306@gamil.com
5.	harpal kaur	kaurharpal9447@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	divya nagi	divyanagi09@gmail.com	11
2.	lovesh	loveshine1309@gmail.com	11
3.	gursimar singh	gursimarsingh24@gmail.com	9
4.	karan magu	karanmagu@yahoo.in	9
5.	muskan	bhardwajmuskan05@gmail.com	9
6.	gursimar	shubroigost@gmail.com	8
7.	chetan	chetandhiman1980@gmail.com	8
8.	vaibhav	9815540450@gmail.com	8
9.	ankita	vaaninder31@gmail.com	10
10.	tajbir	tajbirgill@gmail.com	10

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

Complete the table:

Site area in square meter (m2)	12,060
Ground coverage area	5,814
Green landscaped area on-ground	755
Surface parking area	838
Play area that is paved/ concrete on ground	900
Play area that has grass on ground	737
Service Area on ground	534
Roof and terrace area	2,482
Green cover on exposed roof & terrace	0
Total built up/constructed area	2,482
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

Supporting Documents

- 1. New Doc 10_7.jpg
- 2. New Doc 8_1.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	meena gupta	meenuguptartp@gmail.com
2.	archana bandula	archana007@gmail.com
3.	neha sharma	nehabhanot2121@gmail.com

Administrative staff

Sno.	Name	Email
1.	rohit sharma	rrohit1881@gmail.com
2.	amarjit singh	aman_20092@yahoo.co.in
3.	archana kaushal	kaushalarchana79@yahoocom
4.	natasha	dadhwal.natasha@yahoo.in
5.	mohan singh	mohan.ms306@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	divya	divyanagi09@gmail.com	11
2.	levesh	loveshine1309@gmail.com	11
3.	gursimar	gursimarsingh241@gmail.com	9
4.	karan	karan.magu@yahoo.com	9
5.	muskan	bhardwajmuskan05@gmail.com	9
6.	gursimar	shulroigost@gmail.com	8
7.	chetan	chetandhiman980@gmail.com	8
8.	vaibhav	9815540450@gmail.com	8
9.	ankita	varinder31@gmail.com	10
10.	kritika	kritika@gmail.com	10

Task 2: How much water does your school use?

1

Calculate your school's water consumption, per activity.

Activity

Drinking	1800
Toilet flushing	3600
Personal cleaning	405
Washing clothes	50
Cooking	0
Cleaning Utensils	825
Washing Vegetables	0
Mopping floors	100
Gardening	200
Total	6980

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?	Yes

Do the drinking water points have spill proof taps to check overflow?	Yes
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?	No
Does your school use a drip or irrigation system?	Yes
Any other step taken for water conservation? (if Yes, please specify)	No

Supporting Documents

1. New Doc 13_1.jpg

Task 5: Does your school harvest rainwater?

Do you have Rainwater harvesting (RWH) system in your school?

No

6(a) Calculate your school's rainwater harvesting potential (in litres).

1000

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?

150

How many hand pumps do you have?

0

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

5

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

	Girls	Boys	Common	Total
Number of toilets	8	8	2	18

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

34

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

ls 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?

Yes

Does your school reuse the treated wastewater?

No

Please specify the fate of wastewater

Used for gardening and horticulture

Supporting Documents

1. New Doc 8_1.jpg



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	rajwinder kaur	ranjitdhillon101@yahoo.com
2.	archana singh	archana1281@gmail.com
3.	satwinder kaur	satwinderkaur648@gmail.com

Administrative staff

Sno.	Name	Email
1.	rohit sharma	rrohit1881@gmail.com
2.	archana kaushal	kaushalarchana79@yahoo.com
3.	amarjit singh	aman_20092@yahoo.co.in
4.	sunny chandan	sunny121985@gmail.com
5.	natasha	dadhwal.natasha@yahoo.in

Students

Sno.	Name	Email	Grade/Class
1.	parampreet	kaurparampreeet0076@gmail.com	9
2.	sparsh	sparsh2001.21@gmail.com	9
3.	muskan	bhardwajmuskan05@gmail.com	9
4.	ritika	bhardwajmuskan05@gmail.com	9
5.	tanu	bhardwajmuskan05@gmail.com	9
6.	abhey	abheyverma02@gmail.com	9
7.	mayank	mayankoswal227@gmail.com	9
8.	amisha	vgurindersingh871871@gmail.com	9
9.	harman	ranjitdhillon101@yahoo.com	9
10.	sukhjieet	avij587@gmail.com	9

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	60	0	60	0	0
Playgrounds	5	0	5	0	0
Common area (e.g. reception, corridors)	5	0	5	0	0
Staffroom	10	0	0	10	0
Laboratory	7	0	7	0	0
Canteen	1	0	1	0	0
Clinic/ Sick room	2	0	0	2	0
Library	1	0	0	1	0
Toilets	32	0	0	32	0
Others	0	0	0	0	0
Total	123	0	78	45	0

Supporting Documents

- 1. New Doc 10_4.jpg
- 2. New Doc 10_14.jpg

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	0

Paper	35
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 Generated Solid Waste (in kilogram)	85

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)	~	×	×	×

Task 5: How does your school dispose waste?

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

Don't know

Supporting Documents

1. New Doc 10_5.jpg

9 Does your school burn waste?

Yes

No documents uploaded by the school.

Where does your school burn waste?

Outside the school

What kind of waste is being burnt/ incinerated?

Paper

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	0	0	0
Air conditioners	7	7	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)	47	47	0
Laptop computer (CPU, mouse, screen and keyboard included)	1	1	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	4	4	0
Copying equipment (Photocopiers)	1	1	0
Projectors	47	27	20
Whiteboards	47	47	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	0	0	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	2	2	0
Pay telephones	0	0	0
Mobiles	2	2	0
Answering systems	0	0	0

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

No

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

Is the study of the environment integrated into the curriculum?

Yes

Supporting Documents

1. New Doc 9_12.jpg



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?

We will save energy and try to make our School non polluted. We will plant more tree.

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?

Nο

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?

Never

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

1. Fuel Bills

13(a)

2. Picture of School owned vehicles

Checklist of uploaded documents

250.00

- 3. Electricity Bill
- 4. Picture of 5 star appliances used by school
- 5. Photographs of lunch boxes
- 6. Picture of Canteen selling UPPF
- 7. Traditional food items sold in canteen
- 8. Pictures of Green Cover
- 9. Building construction plan
- 10. Pictures of dustbins in classroom showing segregation at source
- 11. Pictures of playground with more than two dustbins
- 12. Pictures of housekeeping staff disposing different types of solid waste

How many students were involved in the activities?

- 13. Pictures of burning waste
- 14. Pictures of respective audit teams doing survey