



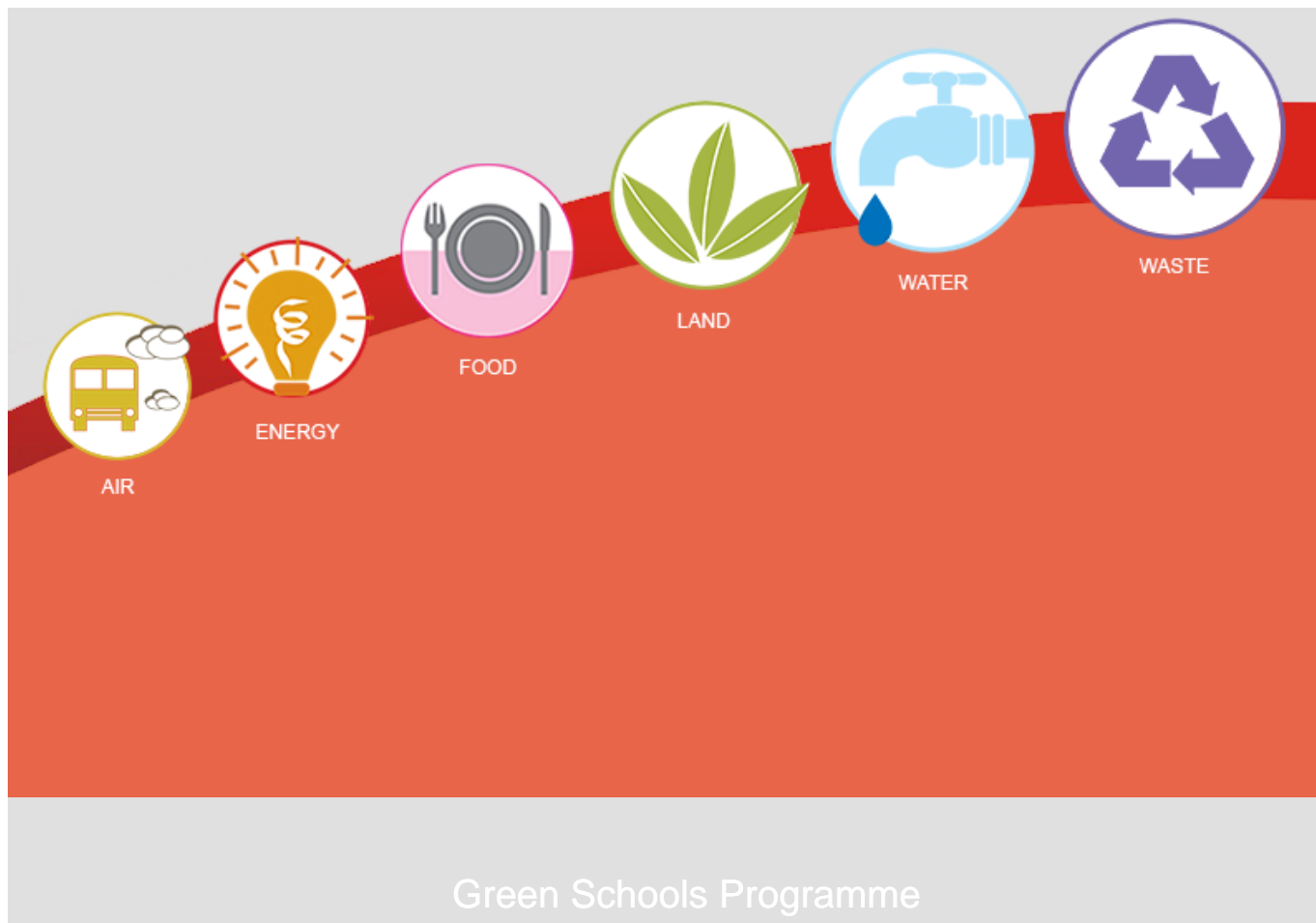
GREEN SCHOOLS PROGRAMME

Responses For Green Schools Programme Audit 2015

School Name: The Pinnacle School

Address: D-Block Panchsheel Enclave, New Delhi
110017 , India

Coordinator Name: Ms. Neelam Tandon and Ms. Priyanka Mahajan



SCHOOL PROFILE

- 1 Name of the School / Institution
The Pinnacle School
- 2 Address
D-Block Panchsheel Enclave, New Delhi 110017
- 3 Telephone Number (Landline Number with STD code)
(ISD)11 (STD) 11 (NUMBER) 26490952
- 4 Mobile Number (Mobile Number with STD code)
(ISD)11 (Number)26490952
- 5 Principal Name
Mrs. Jasmeet Kaur

6

GSP Coordinator Name

Ms. Neelam Tandon and Ms. Priyanka Mahajan

7

GSP Coordinator Email

thepinnacleschool@gmail.com

8

GSP Coordinator Mobile Number

(ISD)11 (Number) 9873519492

9

Category Of The School

Day Scholar (6 hours)

10

Category For Your School (Not Applicable in Case of Residential Category)

Morning

GENERAL QUESTIONS

1 How many levels does your school have? Please choose what is applicable.

Pre-Primary	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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 population of the school

	Male	Female	Total
Students	557	395	952
Teachers	6	54	60
Non-Teaching Staff	30	6	36
TOTAL	593	455	1048

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?

Sep, Oct

7 Where is the school located?

Urban Area



Task 1: Air Audit Team

Name of Teacher: Ms Neelam Tandon and Ms Priyanka Mahajan

Name of Administrative staff: Mr Dhanpal sir , Mr Pankaj sir, Mr Biju sir

Name of Students: Sona Varshaney and Ronit Bakshi

1 How many classrooms does your school have?

30

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/xx 100)
Class PP section 2	33.20	4.15	12.49
Class PP section 1	33.20	4.15	12.49
Class 4 section B	32.35	4.98	15.38
Class 5 section A	31.55	4.98	15.77
Class 6 section A	35.53	6.92	19.48
Class 7 section C	31.55	4.98	15.77
Class 8 section A	35.53	6.92	19.48
Class 9 section A	36.98	6.63	17.93
Class 10 section A	32.35	4.98	15.38
Class 11	36.97	6.63	17.93
TOTAL	339.22	55.31	

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

3a Window-floor ratio of classrooms in the school.

	Buses	Cars	Vans	Others	Total
No. of vehicles	2	0	0	0	2
No. of vehicles more than five years old	2	0	0	0	2
Air conditioned	0	0	0	0	0
No. of vehicles with PUC done	2	0	0	0	2

4 Specify the type of fuel used by your school vehicles:

	Diesel	Petrol	LPG	CNG
Bus	0	0	0	2
Car	0	0	0	0
Van	0	0	0	0
SUB-TOTAL	0	0	0	2

5 How many members of the school community use each type of transport:

	Students	Teaching Staff	Non Teaching Staff	Total
Schoool Bus	71	20	0	91
Public Bus	7	11	18	36
School Transport(Other than bus)	540	15	0	555
Public transport (other than bus, Metro, car pool)	0	8	10	18
Taxi four-wheeler	0	0	0	0
Taxi three-wheeler	0	0	0	0
Personal four-wheeler	303	2	0	305

Personal two-wheeler	2	1	1	4
Bicycle	4	0	3	7
On foot	25	3	4	32
Others (non-motorised)				0
SUB-TOTAL	952	60	36	1048

6 How many students suffer from respiratory ailments ?

5

7 Does the school laboratory have air quality monitoring equipment?

No

Supporting Documents

1. aDSC_0063.JPG
2. aDSC_0318.JPG
3. aDSC_0329.JPG
4. DSC_0112.JPG
5. DSC_0117.JPG



ENERGY

Task 1: Energy Audit Team

Name of Teacher: Ms Neelam Tandon and Ms Priyanka Mahajan

Name of Administrative staff: Mr Dhanpal sir , Mr Pankaj sir, Mr Biju sir

Name of Students: Karan Uppal

1 Does your school have access to an electricity bill?

Yes

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	4738.5	17058.600000000002	1,3
Petrol	400	18680	4
Diesel	150	6840	4
CNG	500	26200	4
Kerosene	0	0	2
Coal	0	0	
Wood	0	0	
Animal waste	0	0	
Solar	117	421.2	5,1
Wind	0	0	
LPG	38	1960.8	3
Others (specify)			
TOTAL	5943.5	71160.6	

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

300

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

Yes

5a Name the alternate sources of energy employed/ installed in your school?

Solar

Supporting Documents

1. DSC_0354.JPG
2. DSCN2172.JPG
3. DSCN2175.JPG
4. DSCN8486.JPG
5. eDSC_0339.JPG



FOOD

Task 1: Food Audit Team

Name of Teacher: Ms Neelam Tandon and Ms Priyanka Mahajan

Name of Administrative staff: Mr Dhanpal sir , Mr Pankaj sir, Mr Biju sir

Name of Students: Tushar Kalra

1 Does your school have a canteen?

No

2 Does your school serve midday-meals?

No

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

Yes

3 Do teachers have the responsibility to ensure if the students are carrying lunch from home?

Yes

4 Provide the details of total energy consumed by the 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

5 Does your school serve traditional Indian snacks?

Yes

5a Please provide the details:

	Number of plates sold when on the menu
Samosas	0
Idli/vada	100
Sambhar	0
Pav bhaji	100
Momos	0
Others	Yogurt, Fruits, Yakult

6 Does your school serve traditional Indian beverages?

Yes

6a Details are as follows:

	Number of servings sold when on the menu
Nimboo pani	110
Salted butter milk	100
Sweet lassi	100

7

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

Yes

7a

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

Frooti, fruits, curd, and one sweet dish (barfi)

8

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

Yes

8a

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

Chocolate(munch)

9

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

No

Supporting Documents

1. DSCN6891.JPG
2. Outlet.jpg
3. Visit to Old age home %281%29.JPG
4. Visit to Old age home %287%29.JPG
5. Food Policy.pdf



LAND

Task 1: Land Audit Team

Name of Teacher: Ms Neelam Tandon and Ms Priyanka Mahajan

Name of Administrative staff: Mr Dhanpal sir , Mr Pankaj sir, Mr Biju sir, Putti Lal

Name of Students: Reva Sareen and Vanshika

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

1

Complete the table:

	Your school's area
Ground coverage area	2,056
Green landscaped area on-ground	2,427
Green cover on terrace/ balconies	0
Surface parking area	120
Play area that is paved/ concrete	416
Play area that has grass	1,257
Service Area	400
Others	
Total site area in m2	6,676

2

Complete the table:

	Value
Ground coverage area	2,056
Number of floors	3
Rooftop	1,300
Total built-up area	7,468

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	15	7	22
Animals	7	3	10

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. Cleanliness Drive Rally .JPG
2. Cleanliness Drive Rally 29.9.2014 %281%29.JPG
3. Eco club-Banner %283%29.JPG
4. IDSC_0024.JPG
5. Eco club-Nukkad Natak 18.11.2014 %288%29.JPG



WATER

Task 1: Water Audit Team

Name of Teacher: Ms Neelam Tandon and Ms Priyanka Mahajan

Name of Administrative staff: Mr Dhanpal sir , Mr Pankaj sir, Mr Biju sir

Name of Students: Quincy Sadh

Task 2: How much water does your school use?

1 What is your school total water consumption per day?

13,900

2 Where does the water you use come from? Please provide the quantity.

	Surface water (streams/ lakes/ ponds, etc)	Ground water (hand pump/ borewell/ well, etc)	Stored rainwater
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Municipality	300000	0	0
Panchayat	0	0	0
Private supplier	0	0	0
School's own supply (Example: borewell; rainwater harvesting facility, etc)	0	0	10000

3 Do you get 24/7 supply of water?

Yes

4 Do you use storage tanks to store water?

Yes

4a What is the capacity of the tank(s)?

20,000

4b Where does the water you use come from? Please provide the quantity.

	Morning	After Noon	Evening	As and when required
Municipality	60	0	60	10

5 How many drinking water taps do you have?

8

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

27

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

12

8 Where does the water you use come from? Please provide the quantity.

	Girls	Boys	Common	Total
Number of toilets	11	11	0	22

Task 5: Does your school harvest rainwater?

9 What is the average annual rainfall received by your area (In mm)?

	Local	District	State
Quantity	61.7	71.4	79

10 What is the average annual rainfall of your area (In mm)?

	10-year average	25-year average	30-year average
Quantity	80.5	74.7	74.05

11 What is the number of rainy days in your area?

6

12 Do you have RWH system in your school?

Yes

12a If yes, what kind of RWH system do you use?

Storage Tanks

Task 6: Does your school reuse/recycle water?

13 Do you recycle/reuse the generated waste water?

Yes

13a If you recycle/reuse waste water, do you treat the waste water?

No

Supporting Documents

1. DSCN7569.JPG
2. wDSC_0350.JPG
3. wDSC_0419.JPG
4. wDSC_0434.JPG



WASTE

Task 1: Waste Audit Team

Name of Teacher: Ms Neelam Tandon and Ms Priyanka Mahajan

Name of Administrative staff: Mr Dhanpal sir , Mr Pankaj sir, Mr Biju sir

Name of Students: Karan Uppal

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
2. Gardener

1b Who segregates the waste in classrooms?

1. Students and Teachers
2. Housekeeping (Sweeper)

2 Where does the water you use come from? Please provide the quantity.

	No bin	One bin	Two bins (wet & dry)	Three bins or more
Classrooms			2	
Playgrounds				3

Common area (e.g. reception, corridors)			2	
Staffroom			2	
Laboratory			2	
Canteen			2	
Clinic/ Sick room			2	
Library			2	
Toilets			2	
Others		1		
Total	0	1	16	3

Task 3: How much waste does your school generate?

3

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

	Collection per month (Frequency may differ)
Garden/ horticulture waste	30000
Kitchen waste	30000
Paper	25000
Plastic	3000
Wood, glass, metal, classroom furniture	5000
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total (in grams)	93000

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

4

Does your school recycle any generated waste?

Yes

4a

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

	Quantity
Garden/ horticulture waste	30000
Kitchen waste	30000
Paper	25000
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 grams)	85000

5

Does your school have a composting facility?

Yes

5a

What is the methodology used?

Natural composting without added microbes

5b

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

60,000.00

5c

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

Natural composting without added microbesMechanical composting (with electricity/ machines)

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)	✗	✓	✗	✓

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)

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	0	0
VCR or DVD players	1	1	0

Refrigerators and freezers	3	3	0
Washing machines	0	0	0
Air conditioners	10	9	1
Heaters	0	0	0
Microwaves	1	1	0
Ovens	0	0	0
Toasters	1	1	0
Electric Kettles	1	1	0
Personal computers (CPU, mouse, screen and keyboard included)	38	36	2
Laptop computer (CPU, mouse, screen and keyboard included)	1	1	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	2	2	0
Copying equipment (Photocopiers)	2	2	0
Projectors	2	2	0
Whiteboards	2	2	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	3	3	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	8	7	1
Pay telephones	0	0	0
Mobiles	0	0	0
Answering systems	0	0	0

Yes

11a Who collects your e-waste, when not in working condition?

Taken back by manufacturer

Task 6: School's initiatives

12 Does the school have a policy on waste?

Yes

Policy document

Waste Policy.pdf

13 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 As part of extracurricular activities such as guest lectures

14 Is the study of the environment integrated into the curriculum?

Yes

Supporting Documents

1. 1. DSC_0514.JPG
2. 2. DSCN1874.JPG
3. 3. IMG_4148.JPG
4. 4. IMG_4160.JPG
5. 5. jdh.png