



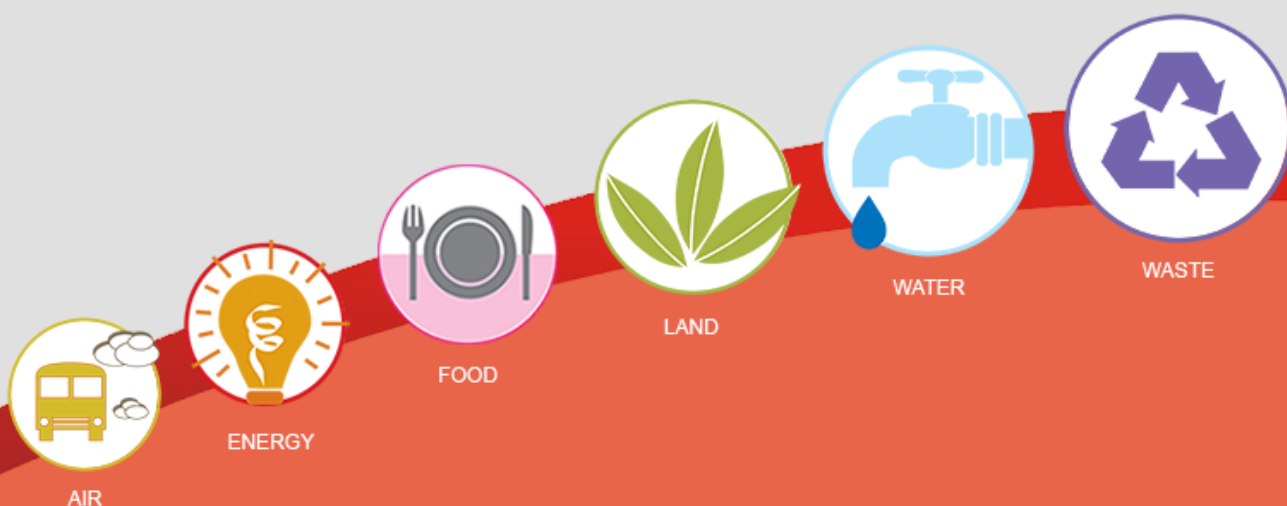
# GREEN SCHOOLS PROGRAMME

## Responses for Green Schools Programme Audit 2016

**School Name:** Govt.secondary school Gangyap

**Address:** Govt.secondary school Gangyap west  
Sikkim,p.o.Arithang Chongrang.pin  
737111, Government secondary school  
gangyap west Sikkim p.o.arithang  
chongrang pin 737111, Gyalshing, West  
District, Sikkim, India

**Coordinator Name:** P.D.Bhutia



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

Govt.secondary school Gangyap

2

Address

Govt.secondary school Gangyap west Sikkim,p.o.Arithang Chongrang.pin 737111, Government secondary school gangyap west Sikkim p.o.arithang chongrang pin 737111, Gyalshing, West District, Sikkim, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 3592 (NUMBER) 257136

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9775466146

5

Principal Name

Tashi Ongyal Bhutia

6

GSP Coordinator Name

P.D.Bhutia

7

GSP Coordinator Email

Jassrirlee24@gmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9733397460

9

Category Of The School

Day Scholar

10

School Shifts

Both

## GENERAL QUESTIONS

1 How many levels does your school have?

Lowest level of grade:1

Highest level of grade:10

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	100	68	168
Teachers	13	13	26
Non-Teaching Staff	04	01	5
TOTAL	117	82	199

4(b) How many visitors visit your school

2

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

222

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

Oct, Dec

7 Where is the school located?

Rural Area



## AIR

### Task 1: Air Audit Team

#### Teachers

Sno.	Name	Email
1.	Guetan lepcha	Guetan lepcha
2.	Krishna subba	Subbakrishna@gmail.com
3.	leela chettri	chettrileela@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	Lahang subba	
2.	Tashi topden bhutia	
3.	Jeena lepcha	
4.	Arun kumar subba	

#### Students

Sno.	Name	Email	Grade/Class
1.	Robin kharka		10
2.	Himmat dahal		10
3.	Ganashyam dahal		10
4.	Deomaya gurung		10
5.	Sha hang limboo		9
6.	Lalita gurung		9
7.	Rohit gurung		8

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

1 How many classrooms does your school have?

13

2 Window-floor ratio of classrooms in the school.

Details of the classroom (e.g. Class II section b)	$X = \text{Area of floor (LxB)}$	$Y = \text{Area of openings (LxH)}$	Percentage of the floor area being ventilated ( $Y/X \times 100$ )
---	----------------------------------	-------------------------------------	---

class 1	31.00	10.80	34.84
class 2	31.00	10.80	34.84
class 3	31.00	10.80	34.84
class 4	31.00	10.80	34.84
class 5	31.00	15.60	50.32
class 6	31.00	15.60	50.32
class 7	31.00	15.60	50.32
class 8	30.60	11.84	38.69
class 9	30.60	11.84	38.69
class 10	30.60	11.84	38.69
TOTAL	308.80	125.52	

### 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?

School does not use or own vehicles

### 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
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	0	0	0

Bicycle	0	0	0	0
On foot	168	26	5	199
Others (non-motorised)	0	0	0	0
SUB-TOTAL	168	26	5	199

### 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?

No

No documents uploaded by the school.

6(a)

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

No



## ENERGY

### Task 1: Energy Audit Team

#### Teachers

Sno.	Name	Email
1.	N.C CHAKTA	chaktha@gmail.com
2.	B.B GURUNG	gurung@gmail.com
3.	T.D Lepcha	tpdleпча@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	Saraswati pradhan	pradhansaraswati31@gmail.com
2.	Serina pradhan	pradhanserina@gmail.com
3.	Dichen sherpa	sherpadeeps@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	Premika gurung		8
2.	Rohit gurung		8
3.	Palzor gurung		8
4.	Bimal limboo		9
5.	Nali mith lepcha		9
6.	Nimkith Lepcha		9

### 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?

No



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)	0	0.00	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)	62.5	1100.00	1
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	62.50	1100.00	

No documents uploaded by the school.

4

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	0	0	0
LED Lights	5	12	5
Fans	0	0	0

No documents uploaded by the school.

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

5

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

200

6

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

No

No documents uploaded by the school for energy chapter.



## FOOD

### Task 1: Food Audit Team

#### Teachers

Sno.	Name	Email
1.	Sawraz basnett	basnettswaraj@gmail.com
2.	Binita pradhan	Binipradhan@gmail.com
3.	Chung bhutia	bhutiachung@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	Zangmoo bhutia	bhutiazangmoo2@yahoo.com
2.	Gauri maya chettri	chettri32@yahoo.com
3.	Nirmala subba	nirmala21@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	Pemjankee bhutia		9
2.	Dawkit lepcha		9
3.	Mitra lall chettri		9
4.	Kamal chettri		10
5.	Kamala chettri		10
6.	Dhan bahadur chettri		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

2

Does your school serve midday meals?

Yes

No documents uploaded by the school.

### 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	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.

4

Does your school serve traditional Indian snacks?

No

5

Does your school serve traditional Indian beverages?

No

**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?

Yes

7(a)

Please provide the names?

chco maja munch cream biscuit

8

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

No

### Supporting Documents

1. srvv.jpg
2. smc.jpg



## LAND

### Task 1: Land Audit Team

#### Teachers

Sno.	Name	Email
1.	Passang kit lepcha	kithlepcha@yahoo.com
2.	Deepa limboo	limboodeepa@gmail.com
3.	Padam sing gurung	Sing gurung@google.com

#### Administrative staff

Sno.	Name	Email
1.	Dichen sherpa	sherpadeeps@gmail.com
2.	P.s subba	subbaps.gmailcom
3.	k.s subba	kssubba.gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	Yanzoom lepcha		10
2.	Sukh mati subba		10
3.	Aoma hang subba		9
4.	Lha tshering lepcha		9
5.	Thendup bhutia		9
6.	Mani kala Gurung		9

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

1

Complete the table:

	Your school's area
Site area in square meter (m <sup>2</sup> )	6,560
Ground coverage area	748
Green landscaped area on-ground	3,749
Surface parking area	0

Play area that is paved/ concrete on ground	215
Play area that has grass on ground	1,848
Service Area on ground	0
Roof and terrace area	150
Green cover on exposed roof & terrace	42
Total built up/constructed area	300
Total no. of floors	10
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	50	0	50
Animals	10	0	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. 12717286\_239069329767632\_4575329006694953177\_n.jpg
2. 12717369\_239068876434344\_2992589311935244853\_n.jpg
3. 12734032\_239068809767684\_2061383131564955053\_n.jpg
4. 12717508\_239904499684115\_8315227497594593535\_n.jpg
5. ecc.jpg



## WATER

### Task 1: Water Audit Team

#### Teachers

Sno.	Name	Email
1.	guetan lepcha	lepchaguetan@gmail.com
2.	lila chettri	chettrilila@gmail.com

#### Administrative staff

Sno.	Name	Email
1.	jeenamith lepcha	jeenalepcha@gmail.com
2.	lang subba	subba23@yahoo.com
3.	padam gurung	gurungpadam@gmail.com
4.	zangmoo bhutia	bhutiazangmoo@gmail.com
5.	arun subba	subbaarun@gmail.com

#### Students

Sno.	Name	Email	Grade/Class
1.	songmith lepcha		9
2.	sushma subba		9
3.	aita hangma subba		8
4.	lekpal bhutia		8
5.	niruta chettri		9

### 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	200
Toilet flushing	50
Personal cleaning	10
Washing clothes	0



Cooking	10
Cleaning Utensils	5
Washing Vegetables	1
Mopping floors	0
Gardening	10
Total	286

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

2 Where does the water your school uses, come from?

Surface water, Rain water

3 Who supplies the water in your school?

Public Health Engineering Department (PHED)

4 Does your school get daily water supply?

Yes

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

7-12 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?	No
Do the drinking water points have spill proof taps to check overflow?	No
Does your school use appliances with a quick-wash setting?	No
Are dual flush systems installed in the toilets?	No
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?	Yes
Any other step taken for water conservation? (if Yes, please specify)	Yes

### Supporting Documents

1. IMG\_20161117\_130113.jpg
2. IMG\_20161117\_130456.jpg
3. IMG\_20161117\_130832.jpg

## 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 storing

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)

20000.00

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

4.00

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

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?

21 to 30 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:

Average

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?

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?

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?

No

## 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?	No
Are the toilets accessible and safe to use for differently abled staff (teaching and non-teaching)?	No
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?

5

9 How many hand pumps do you have?

0

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

2

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

	Girls	Boys	Common	Total
Number of toilets	6	6	0	12

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

0

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

0

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

Once a day

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

17 Does your school treat wastewater?

No

18 Does your school reuse the treated wastewater?

No

18(a) Please specify the fate of wastewater

Used for gardening and horticulture

No documents uploaded by the school.



## WASTE

### Task 1: Waste Audit Team

#### Teachers

Sno.	Name	Email
1.	P.DBhutia	pdhendago25@gmail.com
2.	M.K pandey	pandey23@yahoo.com

#### Administrative staff

Sno.	Name	Email
1.	Selina pradhan	pradhanselina@yahoo.com
2.	Deepa subba	subbadeepa@yahoo
3.	Lalita subba	subbalalita@yahoo.com
4.	kharka sing lepcha	singsahab@yahoo.com

#### Students

Sno.	Name	Email	Grade/Class
1.	Probita chettri		9
2.	Ambika gurung		9
3.	Parikcha gurung		9
4.	Monu hang ma subba		9
5.	Som rani limboo		9
6.	Serap pintso lepcha		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. Students and teachers

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	10	0	0	10	0
Playgrounds	7	0	5	2	0
Common area (e.g. reception, corridors)	5	0	3	2	0
Staffroom	5	0	3	2	0
Laboratory	5	0	2	3	0
Canteen	0	0	0	0	0
Clinic/ Sick room	0	0	0	0	0
Library	2	0	2	0	0
Toilets	1	0	1	0	0
Others	0	0	0	0	0
Total	35	0	16	19	0

### Supporting Documents

1. nbnb.jpg
2. xxx.jpg

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

Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	15

No documents uploaded by the school.

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

4 Does your school recycle any generated waste?

No

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)?

5.00

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?

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	1	1	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)	9	0	9
Laptop computer (CPU, mouse, screen and keyboard included)	1	1	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	2	1	1
Copying equipment (Photocopiers)	0	0	0
Projectors	0	0	0
Whiteboards	5	5	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	1	1	0
Fax machines	1	0	1
Telex	0	0	0
Telephones	0	0	0
Pay telephones	0	0	0
Mobiles	0	0	0
Answering systems	0	0	0

No documents uploaded by the school.

No

## Task 6: School's initiatives

12

Does the school have a policy on waste?

Yes

Policy document

13315258\_298055620535669\_4880674417975316765\_n.jpg

13

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

Yes

### Supporting Documents

1. srvv.jpg

13a

What form do these awareness drives take?

As part of the curriculum

14

Is the study of the environment integrated into the curriculum?

Yes

### Supporting Documents

1. srvv.jpg

2. smc.jpg



## 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?

2015

1(b)

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

2

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?

Yes

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?

cooperation and awareness among the staffs and students required infrastructures

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	Good

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?

Never

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?

35.00

### Checklist of uploaded documents

1. Picture of Mid-day meal being served
2. Pictures of Green Cover
3. Pictures of landscaped area
4. Building construction plan
5. Pictures of dustbins in classroom showing segregation at source
6. Pictures of playground with more than two dustbins
7. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers, etc
8. Waste Policy
9. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
10. Pictures of respective audit teams doing survey