



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA NO1 UPPAL
Address: UPPAL X ROADS, UPPAL, HYDERABAD
, HYDERABAD, RANGA REDDY,
Telangana, India
Coordinator Name: MRS M P VANDANA DEVI



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

KENDRIYA VIDYALAYA NO1 UPPAL

2

Address

UPPAL X ROADS, UPPAL, HYDERABAD , HYDERABAD, RANGA REDDY, Telangana, India

3

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 40 (NUMBER) 27200314

4

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9705151647

5

Principal Name

J RAMA DEVI

6

GSP Coordinator Name

MRS M P VANDANA DEVI

7

GSP Coordinator Email

vandanadevi_mp@rediffmail.com

8

GSP Coordinator Mobile Number

(ISD)91 (Number) 9866540342

9

Category Of The School

Day Scholar

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	1145	1138	2283
Teachers	19	49	68
Non-Teaching Staff	10	5	15
TOTAL	1174	1192	2366

4(b) How many visitors visit your school

50

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

210

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

July, Aug, Sep, Oct

7 Where is the school located?

Urban Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	Mrs. P.C.Kamakshi	Mrs. P.C.Kamakshi

Administrative staff

Sno.	Name	Email
1.	Principal Mrs. J.Rama Devi	ramadevij292@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Manaswini	rajani75@gmail.com	8
2.	Dake Dyuthi		8
3.	Sindhu		8

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

1 How many classrooms does your school have?

46

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)
IC	567.00	96.00	16.93
3B	484.00	81.00	16.74
7B	575.00	96.00	16.70
8B	575.00	96.00	16.70
9A	575.00	96.00	16.70
10B	704.00	99.00	14.06

11B	550.00	99.00	18.00
12C	550.00	99.00	18.00
2D	575.00	96.00	16.70
6C	550.00	99.00	18.00
TOTAL	5,705.00	957.00	

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	415	10	3	428
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	194	6	0	200
Taxi four-wheeler	34	0	0	34
Taxi three-wheeler	1273	0	0	1273
Personal four-wheeler	16	0	0	16
Personal two-wheeler	191	0	0	191
Bicycle	21	0	0	21
On foot	203	0	0	203
Others (non-motorised)	0	0	0	0
SUB-TOTAL	2347	16	3	2366

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

5

How many students suffer from respiratory ailments ?

20

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.	K V RAMALAKSHMI	LAKSHMIKVR@YAHOO.CO.IN

Administrative staff

Sno.	Name	Email
1.	PRINCIPAL Mrs. J.RAMA DEVI	ramadevij292@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	HARSHA VARDHAN REDDY	harshavr944@gmail.com	10
2.	G. SRI HARSHA	sri_3007@hotmail.com	10
3.	N. AKSHAYA	akshaya2002@gmail.com	8
4.	T. VIKAS	tigullavikas02@gmail.com	9

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. IMG %283%29.jpg
2. electricity bill.jpg

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)	5014	18050.40	1,5
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)	3	154.80	5
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	5017.00	18205.20	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	4	1.5	4
Refrigerator	2	165	3
Microwave	0	0	0
Tube Lights	0	0	0
CFL Bulbs	10	15	4
LED Lights	400 approximately	20	5

Fans	250 approximwtely	60	5
------	-------------------	----	---

Supporting Documents

1. LED Bulbs and Fans.docx
2. Project on Energy%2C Part-1.docx
3. Project on Energy%2C Part-2.docx
4. Project on Energy%2C Part-3.docx
5. Project on Energy%2C Part-4.docx

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

5

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

250

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.	S USHA RANI	SUSHARANI194@GMAIL.COM

Administrative staff

Sno.	Name	Email
1.	PRINCIPAL	ramadevij292@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SIRI CHANDANA		8
2.	S. MENORAH	jannet.edupuganti@gmail.com	10
3.	D. AKSHARA		10

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

Yes

2

Does your school serve midday meals?

No

2(a)

Do students bring their own lunch from home?

Yes

Supporting Documents

1. Food-1.docx
2. Food-2.docx
3. Food-3.docx
4. DSCF0452.JPG

2(a)(1)

How many students out of total student population bring home-made lunch?

2020.00

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

15.00

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	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	2210	10
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?

Yes

4(a) Please provide the details:

	Number of plates sold when on the menu
Samosas	1,120
Idli/vada and sambhar	150
Pav bhaji	0
Momos	0
Others	1,350

4(b) Give descriptions for rare local snacks served in your school:?

WE DO NOT SERVE RARE LOCAL SNACKS

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?

CREAM BISCUITS, GOOD DAY BISCUITS

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

Yes

8(a) Does the school distribute packaged food items as rewards during schools events?

BRITANIA

8(b) Are their banners, brochures, hoardings, stalls etc. put-up during the events?

Yes

Supporting Documents

1. Principal madam observing the foods.jpg
2. Teachers srveying the foods brought by students.jpg
3. HM explaining the nutrients in fruits.jpg
4. HM distributing fruits to students.jpg
5. DSCF0427.JPG



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	A RAJENDER	rajuananthula.kvknd@gmail.com

Administrative staff

Sno.	Name	Email
1.	PRINCIPAL	ramadevij292@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SHIVENDRA BHOSALE		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 (m2)	40,000
Ground coverage area	29,000
Green landscaped area on-ground	4,100
Surface parking area	1,200
Play area that is paved/ concrete on ground	1,200
Play area that has grass on ground	2,200
Service Area on ground	1,800
Roof and terrace area	21,000
Green cover on exposed roof & terrace	0
Total built up/constructed area	21,000
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	420	0	420
Animals	254	0	254

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. Land and area of KV No%2C1 Uppal.docx
2. Medicinal Plants in KV No.docx
3. Parking Area in KV No.docx
4. Greenery in KV No.1 uppal.docx



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	M P VANDANA DEVI	vandanadevi_mp@rediffmail.com

Administrative staff

Sno.	Name	Email
1.	PRINCIPAL	ramadevij292@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	SONIA	bschemou@gmail.com	8
2.	SAI GEETHIKA	rukminidevi_28@yahoo.com	8
3.	J.JAHNAVI	d_Srinivasa_Rao@yahoo.com	8

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	5000
Toilet flushing	6000
Personal cleaning	1000
Washing clothes	0
Cooking	0
Cleaning Utensils	0
Washing Vegetables	0
Mopping floors	1000
Gardening	2000

Total	15000
-------	-------

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

3 Who supplies the water in your school?

Municipality, 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?	No
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?	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. 1. Drinking water system.docx
2. 2. Clean Toilets.docx
3. 3.Eco club.docx
4. 4.Slogans related to Water Conservation in toilets and in corridors.docx
5. 5.Clean Drinking water supply through RO system.docx

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

6(b)(2)

Does your school have rainwater storage tank?

No

6(c)

How much area in your school is harvested?

31 to 40 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:

Good

Supporting Documents

1. 6. Water Sprinklers.docx
2. 7.Water Seepage in open ground.docx

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?

Yes

6(g)(1)

Please specify when does your school monitor the groundwater level?

Pre-monsoon

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?

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?

20

9 How many hand pumps do you have?

0

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

20

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

	Girls	Boys	Common	Total
Number of toilets	36	36	9	81

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

30

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

40

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?

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.	E JANNET	jedupuganti@yahoo.com

Administrative staff

Sno.	Name	Email
1.	PRINCIPAL	ramadevij292@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	TSNS VANDITHA		10
2.	AKSHAYA		8
3.	SATYANARAYANA		9

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. Housekeeping (Sweeper)
3. Gardener
4. Ragpicker
5. Other: STUDENTS

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	46	0	46	0	0
Playgrounds	8	0	0	4	4
Common area (e.g. reception, corridors)	6	0	2	4	0
Staffroom	5	0	3	2	0
Laboratory	11	0	5	4	2
Canteen	3	0	1	2	0
Clinic/ Sick room	4	0	2	2	0
Library	4	0	2	2	0
Toilets	16	0	10	6	0
Others	6	0	2	2	2
Total	109	0	73	28	8

Supporting Documents

1. 1. Making of compost pit.docx
2. 2. Throwing dry leaves in the compost pit.docx

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	20000
Kitchen waste	.2
Paper	800
Plastic	2000
Wood, glass, metal, classroom furniture	500
E-waste	0
Biomedical waste	0
Sanitary waste	0

Construction and Demolition (C & D) waste	20000
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	43300.2

Supporting Documents

1. GHMC Commissioner enlightening about the proper disposal of wastes to students.docx
2. Swachh Bharat Campaign by KV.docx
3. Recycling or Reusing the old items in a useful manner.docx
4. WP_20151128_08_44_30_Pro.jpg

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	20000
Kitchen waste	.2
Paper	800
Plastic	2000
Wood, glass, metal, classroom furniture	500
E-waste	0
Biomedical waste	0
Sanitary waste	0
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total (in kilogram)	23300.2

5

Does your school have a composting facility?

Yes

Supporting Documents

1. 1. Making of compost pit.docx
2. 2. Throwing dry leaves in the compost pit.docx

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)?

0.50

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)



Supporting Documents

1. Recycling or Reusing the old items in a useful manner.docx
2. WP_20141025_006.jpg
3. WP_20151030_12_25_25_Pro.jpg

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)

Supporting Documents

1. 2.Throwing dry leaves in the compost pit.docx

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	2	2	0
Washing machines	0	0	0
Air conditioners	11	11	0
Heaters	0	0	0
Microwaves	0	0	0
Ovens	0	0	0

Toasters	0	0	0
Electric Kettles	1	1	0
Personal computers (CPU, mouse, screen and keyboard included)	132	132	0
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	9	9	0
Copying equipment (Photocopiers)	1	1	0
Projectors	12	12	0
Whiteboards	10	10	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	5	5	0
Fax machines	1	1	0
Telex	0	0	0
Telephones	5	5	0
Pay telephones	1	1	0
Mobiles	0	0	0
Answering systems	0	0	0

Supporting Documents

1. Computer Lab in our school.docx
2. WP_20151016_10_49_47_Pro.jpg

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

ewaste policy.jpg

13

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

Yes

Supporting Documents

1. 1. Swachh Bharat programme in a temple.docx
2. 2.Swachh Bharat Campaign by KV.docx
3. 3.Street Play on Swachh Bharat.docx
4. COP-21%2C Paris Summit.docx

13a

What form do these awareness drives take?

As part of the curriculum , 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

Supporting Documents

1. 1.Awards won by Kendriya Vidyalaya No1.docx
2. 2.Awards won by KV No.1%2C Uppal.docx
3. OUTSTANDING ACHIEVEMENTS OF Kendriya Vidyalaya No.pdf



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?

2011

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?

No

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?

Solar Panels

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?

Twice

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?

150.00

Checklist of uploaded documents

1. Electricity Bill
2. Picture of 5 star appliances used by school
3. Picture of Renewable sources of Energy
4. Photographs of lunch boxes
5. Pictures of Green Cover
6. Pictures of landscaped area
7. Building construction plan
8. Pictures of dustbins in classroom showing segregation at source
9. Pictures of playground with more than two dustbins
10. Pictures of recycling units - composting pit, paper recycling machine, selling paper to kabadiwala, recyclers, etc
11. Pictures of housekeeping staff disposing different types of solid waste
12. Pictures of burning waste
13. Pictures of Electronic items used by school and storage of non-working electronic items
14. Waste Policy
15. Pictures of various school initiatives e.g. rally, debate, street play, art competition, etc
16. Pictures of respective audit teams doing survey