



GREEN SCHOOLS PROGRAMME

Responses for Green Schools Programme Audit 2016

School Name: K.V.Hamirpur
Address: vill & p.o jhaniara teh and distt hamirpur,
Hamirpur, Hamirpur, Himachal Pradesh,
India
Coordinator Name: Mrs. Meena Kumari



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

K.V.Hamirpur

2 Address

vill & p.o jhaniara teh and distt hamirpur, Hamirpur, Hamirpur, Himachal Pradesh, India

3 Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 1972 (NUMBER) 222470

4 Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9459457444

5 Principal Name

Sh. R.C.Sharma

6 GSP Coordinator Name

Mrs. Meena Kumari

7 GSP Coordinator Email

pgtmeenakumari@yahoo.com

8 GSP Coordinator Mobile Number

(ISD)91 (Number) 9418023420

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	478	363	841
Teachers	14	19	33
Non-Teaching Staff	07	00	7
TOTAL	499	382	881

4(b)

How many visitors visit your school

1600

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?

June, July, Aug, Sep, Oct

7

Where is the school located?

Rural Area



AIR

Task 1: Air Audit Team

Teachers

Sno.	Name	Email
1.	suman bala	suman bala
2.	Reena chuahan	reenachuahan@gmail.com
3.	Vipan kumar	vipan.hamipur@gmail.com

Administrative staff

Sno.	Name	Email
1.	Ashwani	ashwaniudc@gmail.com
2.	Devi singh	thakurds374@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Ankita		8
2.	Samiksha		8
3.	Vikrant		8
4.	Rishbh		8

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

1 How many classrooms does your school have?

24

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)
VI(A)	48.00	13.50	28.13
VI(B)	48.00	13.50	28.13
VII (A)	48.00	13.50	28.13
VII(B)	48.00	13.50	28.13

VIII(A)	48.00	13.50	28.13
VIII(B)	48.00	13.50	28.13
IX(A)	48.00	13.50	28.13
IX(B)	48.00	13.50	28.13
X(A)	48.00	13.50	28.13
X(B)	48.00	13.50	28.13
TOTAL	480.00	135.00	

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	268	14	05	287
School Transport(Other than bus)	0	0	0	0
Public transport (other than bus, Metro, car pool)	0	0	0	0
Taxi four-wheeler	155	0	0	155
Taxi three-wheeler	0	0	0	0
Personal four-wheeler	0	02	0	2
Personal two-wheeler	0	07	03	10
Bicycle	0	0	0	0
On foot	410	16	01	427
Others (non-motorised)	0	0	0	0

SUB-TOTAL	833	39	9	881
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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.	Shalini Kumari	shalinidhiman09@gmail.com
2.	D.K.Daroch	ddaroch@gmail.com
3.	Shiffali	shiffu.mankotia11@gmail.com

Administrative staff

Sno.	Name	Email
1.	Devi Singh	thakurds374@gmail.com
2.	Dharam Pal	dharampal110372@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Manu	manu14201@gmail.com	11
2.	Shagun	bshagun12gmail.com	11
3.	Soumya	ramesh.c.thakur@gmail.com	11
4.	Kritika	kritishar050@gmail.com	11
5.	Sonam	rohananku666@gmail.com	11

Task 2: How much energy does your school consume?

1

Does your school have access to an electricity bill?

Yes

Supporting Documents

1. electercity 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)	3101	11163.60	3
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)	4	206.40	4
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	3105.00	11370.00	

No documents uploaded by the school.

4

What appliances does your school have?

	Number	Size	BEE Star Rating
Air Conditioners	8	1.5	4 star
Refrigerator	1	180	5 star
Microwave	2	10	4 star
Tube Lights	333	40	1 star

CFL Bulbs	0	0	0
LED Lights	0	0	0
Fans	16	100	2 star

Supporting Documents

1. refrigerator.JPG

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

5

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

260

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.	Kiran Kumari	kiransaggi24@gmail.com
2.	Seema Devi	seema020506@gmail.com
3.	Shilpa Rana	srshilpa123@gmail.com

Administrative staff

Sno.	Name	Email
1.	Devi Singh	thakurds374@gmail.com
2.	Dharma Pal	dharampal110372@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Rahul	rahulsingh18032003@gmail.com	9
2.	Jatin	ramesh.c.thakur@gmail.com	9
3.	Mridul	mridul658@gmail.com	9
4.	Ritika	thakurritik49@gmail.com	9
5.	Sonal	sonalshar200104@gmail.com	9
6.	Manak	manakdogra@gmail.com	9
7.	Ishita	jaidevsingh22@gmail.com	9
8.	Shivangi	shivangi99@gmail.com	9
9.	Shivankit	srdhiman@gmail.com	9
10.	Ankit	srdhiman99@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

2

Does your school serve midday meals?

No

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

Yes

Supporting Documents

1. food.JPG

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

843.00

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

0.00

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	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?

Yes

6(a) Please provide details

Juice,Biscuits,Packaged,Snacks

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

No documents uploaded by the school.



LAND

Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Keshav Ram Sharma	keshumabed@gmail.com
2.	Ramesh Chand Thakur	ramesh.c.thakur@gmail.com
3.	Ranjit Singh	attrir2014@gmail.com

Administrative staff

Sno.	Name	Email
1.	Dharam Pal	dharampal110372@gmail.com
2.	Devi Singh	thakurds374@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	vishal	patiyalvishukiller12@gmail.com	12
2.	akshit sharma	kshitsharma3@gamil.com	12
3.	abhay thakur	abhayrajput970@gmail.com	12
4.	sourav sharma	sourav157sharma@gmail.com	12
5.	devesh sharma	ddevesh71@gmail.com	12
6.	alka jaswal	alkajaswal99@gmail.com	12
7.	kirtika	kanshiram412@gmail.com	12
8.	ambika	thakurambika70@gmail.com	12
9.	latika verma	latikaverma99@gmail.com	12
10.	monika	alsh999@rediffmail.com	12

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 ²)	105,092
Ground coverage area	1,778

Green landscaped area on-ground	102,714
Surface parking area	0
Play area that is paved/ concrete on ground	7,600
Play area that has grass on ground	0
Service Area on ground	552
Roof and terrace area	0
Green cover on exposed roof & terrace	0
Total built up/constructed area	3,489
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	650	50	700
Animals	0	0	0

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. land1 %281%29.JPG
2. land scan 001.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Parveen Kumari Thakur	parveenno808@gmail.com
2.	D.K.Daroch	ddaroch@gmail.com
3.	Shiffali Mankotia	shiffu.mankotia11@gmail.com

Administrative staff

Sno.	Name	Email
1.	Devi Singh	thakurds372@gmail.com
2.	Dharam Pal	dharmpal17302@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Prateek		11
2.	Tarun		11
3.	Pankaj		11
4.	Vikas		11
5.	Nishant		11
6.	Mayank		11
7.	Dhruv		11
8.	Aryan		11
9.	Ashish		11
10.	Abhishek		11

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	1000
Toilet flushing	100

Personal cleaning	600
Washing clothes	0
Cooking	0
Cleaning Utensils	0
Washing Vegetables	0
Mopping floors	100
Gardening	100
Total	1900

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?

Public Health Engineering Department (PHED), 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

19-24 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?	No
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?	No
Any other step taken for water conservation? (if Yes, please specify)	No

No documents uploaded by the school.

Task 5: Does your school harvest rainwater?

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

No

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

1500

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?

18

9 How many hand pumps do you have?

1

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

1

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

	Girls	Boys	Common	Total
Number of toilets	16	16	0	32

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

20

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

6

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 groundwater recharge

No documents uploaded by the school.



WASTE

Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	S.L.Mali	shankarlalmali42@gmail.com
2.	Dinesh Heer	din3shheer@gmail.com
3.	Kiran Kumari	liransaggi24@gmail.com

Administrative staff

Sno.	Name	Email
1.	Devi Singh	thakurds374@gmail.com
2.	Dharam Pal	dharampal113072@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Riya Thakur	riyathakur150303@gmail.com	9
2.	Srishti Sharma	srishti.anchal.sharma@gmail.com	9
3.	Sonal Choudhary	sonali36435@gmail.com	9
4.	Aditi Sharma	adsharma612@gmail.com	9
5.	Swati Jaswal	Swati Jaswal4@gmail.com	9
6.	Ayush Sharma	ayushsharma@gmail.com	9
7.	Sumeet Kumar	sumeetthakur180302@gmail.com	9
8.	Rahul Thakur	rahulthakur98172@gmail.com	9
9.	Abhinav Choudhary	abhiac1992@gmail.com	9
10.	Gourav Jaswal	gouravjaswal34@gmail.com	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

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	24	0	24	0	0
Playgrounds	3	0	03	0	0
Common area (e.g. reception, corridors)	6	0	4	0	2
Staffroom	2	0	1	1	0
Laboratory	3	0	0	0	3
Canteen	0	0	0	0	0
Clinic/ Sick room	0	0	0	0	0
Library	1	0	1	0	0
Toilets	6	0	0	0	6
Others	0	0	0	0	0
Total	45	0	33	1	11

Supporting Documents

1. dustbin.JPG
2. dustbin1.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	350
Kitchen waste	0

Paper	650
Plastic	105
Wood, glass, metal, classroom furniture	90
E-waste	0
Biomedical waste	0
Sanitary waste	150
Construction and Demolition (C & D) waste	0
Hazardous waste	0
Total Generated Solid Waste (in kilogram)	1345

Supporting Documents

1. burn .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	350
Kitchen waste	0
Paper	650
Plastic	105
Wood, glass, metal, classroom furniture	90
E-waste	0
Biomedical waste	0
Sanitary waste	150
Construction and Demolition (C & D) waste	0

Hazardous waste	0
Total (in kilogram)	1345

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)?

30.00

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)				
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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	0		
VCR or DVD players	1	1	
Refrigerators and freezers	0		
Washing machines	0		
Air conditioners	8	8	
Heaters	2	2	
Microwaves	0		
Ovens	2	2	
Toasters	0		
Electric Kettles	0		
Personal computers (CPU, mouse, screen and keyboard included)	45	45	

Laptop computer (CPU, mouse, screen and keyboard included)	0		
Notebook computers	0		
Notepad computers	0		
Printers	5	5	
Copying equipment (Photocopiers)	4	4	
Projectors	0		
Whiteboards	0		
Electrical & electronic typewriters	0		
Pocket & desk calculators	0		
Fax machines	1	1	
Telex	0		
Telephones	3	3	
Pay telephones	0		
Mobiles	0		
Answering systems	0		

No documents uploaded by the school.

11

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

No

Task 6: School's initiatives

12

Does the school have a policy on waste?

No

13

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

No

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?

2015

1(b)

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

yes,2

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?

It will a great help if advanced & effective RWH technologies & waste management technologies are shared on the portal(Waste policy)

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?

40.00

Checklist of uploaded documents

1. Electricity Bill
2. Picture of 5 star appliances used by school
3. Photographs of lunch boxes
4. Pictures of Green Cover
5. Pictures of landscaped area
6. Pictures of dustbins in classroom showing segregation at source
7. Pictures of playground with more than two dustbins