

Responses for Green Schools Programme Audit 2016

School Name: KENDRIYA VIDYALAYA BSF HUMHAMA

Address: BSF HUMHAMA , POST-HUMHAMA

DIST- BUDGAM, HUMHAMA, Srinagar,

Jammu and Kashmir, India

Coordinator Name: JAGDISH KUMAR



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

KENDRIYA VIDYALAYA BSF HUMHAMA

2 Address

BSF HUMHAMA , POST-HUMHAMA DIST- BUDGAM, HUMHAMA, Srinagar, Jammu and Kashmir, India

Telephone Number (Landline Number with STD code)

(ISD) 91 (STD) 0194 (NUMBER) 2303100

Mobile Number (Mobile Number with STD code)

(ISD) 91 (Number) 9419288136

5 Principal Name

B.C. DWIBEDY

6 GSP Coordinator Name

JAGDISH KUMAR

GSP Coordinator Email

jagdishprajapat9@gmail.com

GSP Coordinator Mobile Number

(ISD)91 (Number) 8233198680

Category Of The School

Day Scholar

10 School Shifts

Morning

GENERAL QUESTIONS

How many levels does your school have?

Lowest level of grade:6 Highest level of grade:9

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	150	100	250
Teachers	7	10	17
Non-Teaching Staff	2	0	2
TOTAL	159	110	269

4(b) How many visitors visit your school

10

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

210

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

Oct, Nov

Where is the school located?

Urban Area



Task 1: Air Audit Team

Teachers

Sno.	Name	Email	
1.	MD SALEEM DAR	MD SALEEM DAR	
2.	ANIL KUMAR	anilthakur.kumar9@gmail.com	
3.	JAGDISH KUMAR	jagdishprajapat9@gmail.com	

Administrative staff

Sno. Name		Email
1.	B.C. DWIBEDY	bairagikvs1234@gmail.com
2.	MD YOUSUF DAR	kvbsfhm786@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	ANNU YADAV	kvbsfhumhama@gmail.com	9
2.	SHANU SUMAN	kvbsfhumhama@gmail.com	9
3.	RANI KUMARI	kvbsfhumhama@gmail.com	9
4.	ARYAN MISHA	kvbsfhumhama@gmail.com	9
5.	KAVITA THAPA	kvbsfhumhama@gmail.com	9
6.	NAGEENA NAZ	kvbsfhumhama@gmail.com	9
7.	RIYA KUMARI	kvbsfhumhama@gmail.com	9
8.	RAQIB SHABIR MALIK	kvbsfhumhama@gmail.com	9
9.	TANIYA KUMARI	kvbsfhumhama@gmail.com	9
10.	SAKI SHAMIM	kvbsfhumhama@gmail.com	9

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

How many classrooms does your school have?

9

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)
CLASS 1	20.00	7.15	35.75
CLASS 2	20.00	7.15	35.75
CLASS 3	20.00	7.15	35.75
CLASS 4	20.00	7.15	35.75
CLASS 5	20.00	7.15	35.75
CLASS 6	20.00	7.15	35.75
CLASS 7	20.00	7.15	35.75
CLASS 8	20.00	7.15	35.75
CLASS 9	20.00	7.15	35.75
			0.00
TOTAL	180.00	64.35	

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 does not use or own vehicles

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	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	10	4	0	14
Taxi three-wheeler	0	0	0	0

Personal four-wheeler	0	1	0	1
Personal two-wheeler	0	2	2	4
Bicycle	100	0	0	100
On foot	140	10	0	150
Others (non-motorised)	0	0	0	0
SUB-TOTAL	250	17	2	269

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



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.	Sabha Parveen	sabhaparveen@yahoo.com
2.	MD Saleem Dar	msaleem906@gmail.com
3.	Fayaz Ahmad Mir	ahmadfayaz69@gmail.com

Administrative staff

Sno.	Name	Email
1.	Dr. B.C.Dwibedy	bairagikvs1234@gmail.com
2.	Manoj kumar	manojshashtri99@gmail.com
3.	Jagdish kumar	jagdishprajapat9@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	RANI KUMARI	kvbsfhumhama@gmail.com	9
2.	ARYAN MISHRA	kvbsfhumhama@gmail.com	9
3.	ANNU KUMARI	kvbsfhumhama@gmail.com	9
4.	RAQIB MALIK	kvbsfhumhama@gmail.com	9
5.	SHANU SUMAN	kvbsfhumhama@gmail.com	9
6.	RIYA KUMARI	kvbsfhumhama@gmail.com	9
7.	SUHANA SUBHA	kvbsfhumhama@gmail.com	9
8.	TANIYA KUMARI	kvbsfhumhama@gmail.com	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.

Does your school have its own vehicles?

No

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)	250	900.00	3
Electricity from generator (diesel) (litres)	0	0.00	0
Petrol (litres)	0	0.00	0
Diesel (litres)	0	0.00	00
CNG (kilogrammes)	0	0.00	0
Kerosene (litres)	167	7464.90	1
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)	0	0.00	0
Piped Natural Gas (kilogrammes)	0	0.00	0
TOTAL	417.00	8364.90	

No documents uploaded by the school.

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	30	40	3
CFL Bulbs	2	10	3
LED Lights	0	0	0
Fans	12	43	5

1. IMG_20161118_104429.jpg

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

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

135

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.	SABHA PARVEEN	sabhaparveen705@yahoo.com
2.	PRATIMA SHRIVASTAVA	shrivastava.partima@gmail.com
3.	RENU	irenu.renu@gmail.com

Administrative staff

Sno.	Name	Email
1.	ANIL KUMAR	anilthakur.kumar9@gmail.com
2.	SAVITA SHARMA	savesharma67@gmail.com
3.	BINA KUMARI	binakumari10@gmail.com
4.	Iqra Majid	sahreenmajid@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	INDERJEET SINGH	kvbsfhumhama@gmail.com	8
2.	DOLMA MURMU	kvbsfhumhama@gmail.com	8
3.	ATUL YADAV	kvbsfhumhama@gmail.com	8
4.	ROUSHAN KUMAR	kvbsfhumhama@gmail.com	8
5.	SANJANA KUMARI	kvbsfhumhama@gmail.com	8

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

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

No

Does your school serve midday meals?

No

Do students bring their own lunch from home?

Yes

- 1. 20161117_120403.jpg
- 2. 20161117_120554.jpg

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

250.00

Of the students who bring lunch from home, how many bring packaged food?

200.00

2(a)(3) Do teachers have the responsibility to ensure that students are carrying lunch from home?

No

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	0	0	00
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	00
Sugar sweetened noncarbonated beverages	0	0	0
Packaged/Bottled Nimboo Paani/ Lassi/ Flavoured milk	0	00	0

Packaged/Bottled Energy Drinks	0	0	0

No documents uploaded by the school.

Does your school serve traditional Indian snacks?

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?

Yes

6(a) Please provide details

BISCUIT PACKETS OF RS 10, JUICE AND SAMOSA

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

Yes

Please provide the names?

DAIRY MILKY OF RS 10 AND SWEATS

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

No

Supporting Documents

- 1. IMG_20160715_105904.jpg
- 2. IMG_20160715_110048.jpg
- 3. IMG_20160715_110421.jpg



Task 1: Land Audit Team

Teachers

Sno.	Name	Email
1.	Anil kumar	anilthakur.kumar9@gmail.com
2.	Manoj kumar	manojshashtri99@gmail.com

Administrative staff

Sno.	Name	Email
1.	Dr Yousuf Dar	kvbsfhumhama@gmail.com
2.	Sabha Parveen	sabhaparveen705@yahoo.com
3.	Bina Kumari	binakumari10@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Riya kumari	kvbsfhumhama@gmail.com	9
2.	Saki	kvbsfhumhama@gmail.com	9
3.	Inderjeet singh	kvbsfhumhama@gmail.com	8
4.	Atul Yadav	kvbsfhumhama@gmail.com	8
5.	Roushan kumar	kvbsfhumhama@gmail.com	8
6.	Dolma Murmu	kvbsfhumhama@gmail.com	8

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

Complete the table:

	Your school's area
Site area in square meter (m2)	6,000
Ground coverage area	4,900
Green landscaped area on-ground	4,200
Surface parking area	0
Play area that is paved/ concrete on ground	0

Play area that has grass on ground	4,000
Service Area on ground	3,600
Roof and terrace area	2,000
Green cover on exposed roof & terrace	0
Total built up/constructed area	2,000
Total no. of floors	1
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	50	0	50
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. 20161117_120651.jpg
- 2. IMG_20160819_094816.jpg
- 3. 20161117_120618.jpg



WATER

Task 1: Water Audit Team

Teachers

Sno.	Name	Email
1.	Renu	irenu.renu@gmail.com
2.	Pratima Sarivastava	sarivastava.pratima@gmail.com
3.	Anil Kumar	anilthakuar.kumar9@gmail.com

Administrative staff

Sno.	Name	Email
1.	Jagdish kumar	jagdishprajapat9@gmail.com
2.	Sahba Parveen	sabhaparveen705@yahoo.com

Students

Sno.	Name	Email	Grade/Class
1.	Inderjeet singh	kvbsfhumhama@gmail.com	8
2.	Aryan Mishra	kvbsfhumhama@gmail.com	9
3.	Raquib malik	kvbsfhumhama@gmail.com	9
4.	Rani Kumari	kvbsfhumhama@gmail.com	9

Task 2: How much water does your school use?

Calculate your school's water consumption, per activity.

Activity	Total Quantity (litres per day)
Drinking	200
Toilet flushing	100
Personal cleaning	0
Washing clothes	0
Cooking	0
Cleaning Utensils	0
Washing Vegetables	0

Mopping floors	0
Gardening	50
Total	350

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?

Municipality

Does your school get daily water supply?

Yes

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

=1 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?	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?	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?	No

1. 20161118_123351.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).

500

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?	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?

1

How many hand pumps do you have?

0

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

4

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

	Girls	Boys	Common	Total
Number of toilets	1	1	2	4

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

0

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

0

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

Once a day

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

Does your school treat wastewater?

No

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.



Task 1: Waste Audit Team

Teachers

Sno.	Name	Email
1.	Anil Kumar	anilthakur.kumar9@gmail.com
2.	Md Saleem Dar	msaleem906@gmail.com

Administrative staff

Sno.	Name	Email
1.	Jagdish Kumar	jagdishprajapat9@gmail.com
2.	Renu	irenu.renu@gmail.com

Students

Sno.	Name	Email	Grade/Class
1.	Shanu	kvbsfhumhama@gmail.com	9
2.	Annu	kvbsfhumhama@gmail.com	9
3.	Aryan	kvbsfhumhama@gmail.com	9
4.	Dolma Murmu	kvbsfhumhama@gmail.com	8
5.	Roushan Kumar	kvbsfhumhama@gmail.com	8

Task 2: What is the waste segregation system in your school?

Does your school segregate solid waste?

Yes

Who segregates the waste at source?

- 1. Students and teachers
- 2. 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	9	0	9	0	0
Playgrounds	3	0	3	0	0
Common area (e.g. reception, corridors)	2	0	2	0	0
Staffroom	2	0	2	0	0
Laboratory	1	0	1	0	0
Canteen	0	0	0	0	0
Clinic/ Sick room	0	0	0	0	0
Library	1	0	1	0	0
Toilets	0	0	0	0	0
Others	0	0	0	0	0
Total	18	0	18	0	0

- 1. IMG_20160921_092013397.jpg
- 2. IMG_20160921_092442823.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	10
Plastic	5
Wood, glass, metal, classroom furniture	3
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)	68

- 1. 20161118_132736.jpg
- 2. 20161118_132725.jpg
- 3. IMG_20160921_092039143_HDR.jpg

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?

Yes

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)	~	×	×	×	

- 1. IMG_20161118_140251.jpg
- 2. IMG_20161118_140209.jpg

Task 5: How does your school dispose waste?

8

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

Don't know

Supporting Documents

1. IMG_20161118_140251.jpg

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	1	1	0
Microwaves	0	0	0

23 of 26

Ovens	0	0	0
Toasters	0	0	0
Electric Kettles	0	0	0
Personal computers (CPU, mouse, screen and keyboard included)	11	11	0
Laptop computer (CPU, mouse, screen and keyboard included)	0	0	0
Notebook computers	0	0	0
Notepad computers	0	0	0
Printers	4	4	0
Copying equipment (Photocopiers)	2	2	0
Projectors	1	1	0
Whiteboards	0	0	0
Electrical & electronic typewriters	0	0	0
Pocket & desk calculators	0	0	0
Fax machines	0	0	0
Telex	0	0	0
Telephones	1	1	0
Pay telephones	0	0	0
Mobiles	0	0	0
Answering systems	0	0	0

Supporting Documents

1. IMG_20161118_134803.jpg

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

No documents uploaded by the school.



FEEDBACK

Has your school participated in the Green Schools Programme (GSP) Audit before	e?
--	----

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?

Up to date information about the activity and opportunity for participating in all of them will be required to make the school green school.

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?

No

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

How many students were involved in the activities?

100.00

Checklist of uploaded documents

- 1. Picture of 5 star appliances used by school
- 2. Photographs of lunch boxes
- 3. Pictures of Green Cover
- 4. Pictures of landscaped area
- 5. Pictures of playground with more than two dustbins
- 6. Picture of audit team weighing solid waste
- 7. Picture of types of solid waste generated
- 8. Pictures of housekeeping staff disposing different types of solid waste
- 9. Pictures of burning waste
- 10. Pictures of Electronic items used by school and storage of non-working electronic items
- 11. Pictures of respective audit teams doing survey