SCHOOL SAFETY INITIATIVE

By



Revenue and Disaster Management Department Government of Haryana

SCHOOL DISASTER MANAGEMENT PLAN Name of School:

2015



CENTRE FOR DISASTER MANAGEMENT HARYANA INSTITUTE OF PUBLIC ADMINISTRATION GURGAON

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1. School Profile

1.1 School Details

1.	Name of the School	ol	G.S.S.S. JAH	IAZC	GARH			
2.	School Code		3107					
3.	Address		V.P.O. JAHA	AZG <i>A</i>	ARH, TH. BERI, DIS	TT. JHAJJAR		
			Telephone	012	251-234009			
			Fax					
			Email	gss	ssjahazgarh@gmail.c	<u>om</u>		
4.	Name of the Princi	ipal	SH. HARIO	M				
5.	Contact Details of	the Principal	Telephone					
			Mobile	940	66459367			
			Email					
6.	Name of the Nodal	l Officer	SH. SUKHBIR SINGH D.P.E.					
7.	Contact Details of the Nodal Officer		Telephone					
			Mobile	940	66282155			
			Email					
8.	Type of School		Boys / Girls					
			English / Hindi / Others HINDI					
9.	School Timings							
10.	Total Students		Boys:191		Total: 232			
			Girls: 41					
11.	Teaching Staff		Male:16		Total: 25			
			Female:09					
12.	Non-Teaching Stat	ff	Male:03		Total: 04			
			Female:01					
13.	No. of differently abled persons		Students	S	Teaching staff	Non teaching staff		
	T T T T	Male	191		16	03		
		Female	41		09	01		
		Total	232		25	04		

1.1.1 Details of Teaching Staff –permanent and contractual (add additional sheet if needed):

Sr. No.	Name	Blood Group	Age	Sex	Medical Concerns like Asthma, Diabetes,	Disability if any	Standard & Subject they teach	Contact No.	Residential Address
1.	SH.HARIOM	B+		M			PRINCIPAL POL SC	9466459367	JHAJJAR
2.	SH.MAHES CHANDER	O +	51	M			LECT. COM.	9992038242	ROHTAK
3.	SH.PANKAJ KUMAR	B +	43	M			LECT. CHEM	9813189165	SEC.14 RTK
4.	SH.SURENDER KADIAN			M			LECT. HISTORY	9812031323	SHEETAL NAGAR RTK
5.	SH.RAJPAL SINGH			M			LECT. ECONOMICS	9813558751	VILL. M.P MAJRALLIR
6.	SH.SHYAM KUMAR			M			LECT. MATHS	8684829870	VILL. GWALISION
7.	SH.UMESH KUMAR	A +	38	M			LECT. IN ENG.	9992024744	VILL. DIGHAL.
8.	SH.NARESH KUMAR	A-	39	M			LECT. IN HINDI	9991243339	VILL. AKEHARI

1.1.2 Details of Non-teaching Staff –permanent and contractual (add additional sheet if needed):

Sr. No.	Name	Duty they perform	Blood Group	Age	Sex	Medical Concerns like Asthma, Diabetes, BP etc.)	Disability if any	Contact No.	Address
1.	NARESH	CLERK		48	M			9991631	VILL.
2.	RAJPAL	CHAUK IDAR			M				
3.	RAJKUMAR	PEON		58	M			9355173 731	VILL. WAZIRP
4.	GEETA DEVI	SWEEP ER		44	F			8053610 907	VILL. JAHAZG

1.2 School Building Details

1	Number of Storey	Baser	nent		(Yes / No) NO								
		Store	Storey		DOUBLE								
2	Year of Construction (Give details if constructed in parts)	1958											
3	Number of buildings in the school compound:	03											
4	Class Rooms						Numb	er of:					
		Class Rooms Office Non-teaching Staff Room Corridor Staircase Store Toilet (Boys) Computer Lab. Laboratories					Drinking water points						
	Ground Floor	11	1	2	1	4	1	1	7	4	2	3	1
	Total												
5	Do you have a kitchen?	Yes/No YES -if yes do you have Gas stove or open fire kitchen or use cooking gas connection?											
6	Playground size and open ground	4ACRE											
7	School Maps	2. A	ttach S	School I	Location I Building I Floor Map	Map (s	howing	schoo	l camp	us and	building	g layou	t)

1.3 Details of Students:

Class	Section	Boys	Girls	Persons With Disability	Person with medical concern	Total
1 st	A					
2 nd	A					
3 rd	A					
	В					

	C				
	D				
4^{th}	A				
	В				
	С				
	D				
5 th	A				
	В				
	С				
	D				
6 th	A	09			09
	В				
	С				
	D				
$7^{\rm th}$	A	24			24
	В				
	С				
	D				
8 th	A	29			29
	В				
	С				
	D				
9 th	A	24			24
	В				
	C				
	D				
10 th	A	22			22
	В				
	С				
	D				
11 th	A	45			45
	В				
	С				
	D				
12 th	A	38			38
	В				
	С				
	D				
Total		191	41		232

1.3.1 Details of Persons With Disability:

Sr. No.	Name	Age	Sex	Standard and Section	Type of disability
1.	ABHISEK	13	M	8 TH	OTHOPEDIO

_i		

1.3.2 Details of person with medical concern (like Asthma, Diabetes, Cardiac Diseases etc):

Sr. No.	Name	Age	Sex	Standard and Section	Type of medical concern

2. Hazard, Risk, Vulnerability and Capacity (HRVC) Analysis

2.1 Detailed History of Disaster/Accidents in School

Sr. No.	Disaster/Accidents	Date & Time of occurrence		affected (injured & ad)
			Dead	Injured

2.2 Possible Hazards:

Hazards	Hazard Probability	Possible causes
(in and around the school)	(High / Med / Low)	
Road Accidents	LOW	
Flood	HIGH	
Earthquake	HIGH	
Building collapse	NIL	
Epidemic / Contagious disease	LOW	
Fire	MED	
Heat Wave	MED	
Cold Wave	MED	
Industrial / Chemical hazard		
Stampede	LOW	
Animal Bite	LOW	
Snake Bite	LOW	
Food Poisoning	LOW	
Others (specify)		

2.3 Identification of Potential Structural/Non Structural Hazards

Sr. No.	Structural/Non Structural Hazards	Location
	Areas	
	Inside School	
1.	Gas cylinders	YES
2.	Other fuel (petrol/diesel/kerosene etc.)	NIL

3.	Chemical bottles	CHEM,LEB
4.	Main Electrical Boards	YES,NEAR,OFFIS
5.	Hanging Electrical Wires	NIL
6.	Suspended Ceilings	<u>NIL</u>
7.	Unfixed Almirahs/cabinets	NIL
8.	Unfixed wall Frames	NIL
9.	Doors/ Windows	NIL
10.	Open drains/ gutter	<u>NIL</u>
11.	Trees	<u>05</u>
12.	Defected staircases	<u>NIL</u>
13.	Severely cracked walls	NIL
14.	Others (specify)	
	Outside School	
1	Trees	NIL
2	Power Lines	YES
3	Towers	<u>YES</u>
4	Others (specify)	

2.4 Identification of Vulnerable Population

Sr.	. Category Total No.		al No.
No.		Male	Female
1.	Children below 12 years		
2.	Old age people if any		
3.	Students with special medical concerns		
4.	Teaching/Non-teaching staff with ill health		
5.	Others (specify)		

2.5 Capacities

2.5.1 Skilled/Trained Human Resource

Trained Volunteers	Boys	Girls	Total	Name of the coordinator	Contact No. of the coordinator
NCC (Yes/No)					
NSS (Yes/No)	60	40	100		
Scout & Guide(Yes/No)	32		32		

Expertise: Search & Rescue, Fire Safety, First Aid, Swimming, Sports, Foreign Languages (other than English) etc.

Sr. No	Name of Person	Expertise in	Teacher/ Student	Standard	Contact No.

2.5.2 Resource Inventory

A. Equipments within school and also nearby school:

Sr. No.	List of Items	Details of the item	Person Incharge	Contact No. of the person incharge
1.	First Aid Kits	01	SMT.RAJBALA	9812011085
2.	Fire Extinguishers	04	SH.VINOD KUMAR	
3.	Ladder (Nos. and Length)	02	RAMESH KUMAR PT.I	9728088922
4.	Rope (Nos. and Length)	NIL		

5.	Stretchers	NIL		
6.	Torches	NIL		
7.	Hammers	NIL		
8.	Generators / UPS	02	MAHESH	9992038242
			SHARMA	
9.	Others	NIL		

B. Communication Set up

Sr. No	Type of System	Total No
1	Wireless sets (if nearby Police Station)	NIL
2	Landline telephone	01
3	Internet Facility	YES01
4	Fax	NIL
5	Other	NIL

C. Transport Facilities

Sr. No	Type of Vehicle	Total No
1	School Bus (with capacity)	NIL
2	4 wheelers (personal)	03
3	2 wheelers (personal)	10
4	Other vehicles	CYCLE 1

D. Nearest Resources

Sr. No	Nearest Resource	Distance in Kms	Contact no	Address
1	Police Station/Police Post	06		BERI
2	Fire Station	12		JHAJJAR
3	Primary Health Centre (PHC)	00		JAHAZGARH
4	Community Health Centre (CHC)	06		BERI
5	Hospital (Public)	06		BERI
6	Hospital (Private)	06		BERI
7	Ambulance Services	06		BERI
8	District Control Room	12		JHAJJAR
9	Other Schools	03		03
10	Others		·	

3. Response Mechanism

A. School Disaster Management Committee

Sr. No.	Name	Designation	Designation in SDMC	Contact No	Residential Address
1	HARIOM	PRINCIPAL	CHAIR	9466459357	
			PERSON		
2	MAHESH SHARMA	V. CHAIR	V. CHAIR	9992038242	
		PERSON	PERSON		
3	RAM CHANDER	SMC MEMBER	MEMBER		
4	RAJBALA	LECTURER	MEMBER	9812011085	
5	RAJ TILAK	PTA HEAD	MEMBER		
6	HARSH,AAKASH,JYOTI,KHUSBU	STUDENT	MEMBER		
7	BHUGITA SHARMA		MEMBER	8930656745	
8	RAVINDER	FIREMAN	MEMBER	9466233862	
9	SANDEEP JANGRA	DOCTOR	MEMBER		
10	KULDEEP SINGH	HC-1317	MEMBER	7206311179	
11			MEMBER	-	·

12	RAJENDER SINGH	PANCHAYATS MEMBER	MEMBER		
13				·	

Suggested list for School Disaster Management Committee

Sr. No.	Designation	Role in SDMC
1.	Principal/Head of the school (Compulsory)	Chairperson
2.	Senior Lecturer/Teacher (Compulsory)	Vice Chairperson
3.	Member from SMC (Compulsory)	Member
4.	Senior Lady teacher (Compulsory)	Member
5.	Parent Teacher Association Head (Compulsory)	Member
6.	4 students (NCC, NSS, Scouts and Guides, Head Boy and Head Girl)	Member
7.	Representative from Revenue and Disaster Management Department/District	Member
	Administration/ Municipal Corporation	
8.	Representative from Fire Services (from closest Fire Station)	Member
9.	Representative from Police department (from closest Police Station)	Member
10.	Representative from Health Department (local Doctor)	Member
11.	A warden from Civil Defence	Member
12.	Representative from Panchayat	Member
13.	Representative from NGOs	Member

B. Teams Under SDMC

Roles and Responsibilities of each team have been discussed in Annexure II.

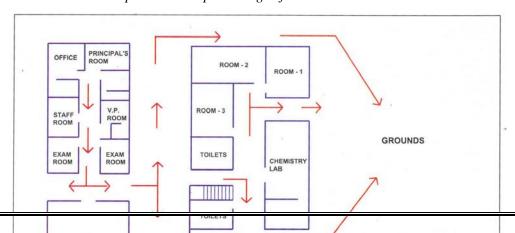
Sr.	Name	Se	Standard	Contact			
No		X		No.			
1. Early warning, Communication & Awareness Generation Team							
1	DALEL SINGH	M	LEET IN GEO	989607884			
2							
3							
4	RATAN	M	STUDEN T				
5	GHANSHYAM	M	STUDEN T				
2. Evacuation Team							
1	UMESH, VINOD, NARESH, MAHESH, MAMTA, SAVITA, NEELAM, SANDEEP,		STUDEN T				
2	KAMLESH,RAJ SINGH,SANGEETA		STUDEN T				
3	MANJEET SAGAR,GHANSHYAM		STUDEN T				
4	NITIN,DHARMENDER,AAKASH,RAJKUMAR,ARUN,KHUSBOO,SANJEET,VIPI		STUDEN T				
5							
	3. Fire Safety Team						
1	PANKAJ KUMAR	M	LEET IN CHEM	981318916 5			
2	UMESH KUMAR	M	LEET IN ENG.	999202474 4			
3							
4							
5							
	4. Search and Rescue Team						
1	SH. RAMESH KUMAR	M	PTI	972808892 2			
2	SH. SUKHBIR SINGH	M	SCOUT INC.	946628215 5			

3	PANKAJ KUMAR	M	STUDEN T					
4	SANJAY KUMAR	M	STUDEN T					
5								
5. First Aid Team								
1	SMT. RAJBALA	F	LEET. IN HINDI	981201108 5				
2	ASHOK	M	STUDEN T					
3	AMIT	M	STUDEN T					
4								
5								
6. Water and Sanitation Team								
1	NEELAM	F	SC. TR.	972850355 5				
2	NARESH KUMAR	M	LEET. HINDI	999123433				
3	AAKASH	M	STUDEN T					
4			1					
5								
7. Road Safety Team								
1								
2								
3								
4								
5								
	8. Coordination Team							
1	NARESH KUMAR	M	N.S.S. INC.	999123433 9				
2	SUKHBIR SINGH	M	SCOUT INC.	946628215				
3	AAKASH	M	STUDEN T	3				
4	MAHESH SHARMA	M	MEMBER SDMC	999203824				
5	RAMCHANDER	M	MEMBER SDMC					
L			· · · · · · · · · · · · · · · · · · ·					

4. Evacuation Plan

The evacuation team will identify the safer locations, safe evacuation routes, locations of the equipment like fire extinguishers, fire hydrant points, First-Aid kits etc. in the school and will mark on the floor maps and will prepare floor wise evacuation plan. Display maps prominently at the notice board at each of the floor. **Attach a copy of evacuation plan**.

Sample Floor Map showing safe evacuation routes



5. Mock-Drill

Mock drills are the way of testing the School Disaster Management Plan. The mock drill on earthquake, fire, etc. should be conducted once in every six months, and the deficiencies should be assessed for the purpose of updation of the plan. This section of the plan should clearly indicate the steps to be followed to conduct the mock drills and the responsibilities of the teachers, non-teaching staff and students should be delineated. If required, the school should invite the Fire Service Officers, doctors from Health Department, trainers from Red-Cross Society trained Civil Defence volunteers and volunteers from NGOs for support in conducting the mock drills.

Earthquake drill:

- 1. Ring the emergency Siren.
- 2. Practice drop, cover and hold.
- 3. Once evacuation starts, evacuate classroom in less than 1 minute without pushing and falling.
- 4. Evacuate school in less than 4 minutes using different exits.
- 5. Look out for friends.
- 6. Stay away from weak areas / structures.
- 7. Perform head counts when reach at assembly area.
- 8. Help those who need assistance (identification of task force in advance for rescue of children with disabilities)

Fire Drill:

- 1. Ring the emergency Siren.
- 2. Evacuate from classroom.
- 3. Practice Stop, Drop and Roll in case your clothes catch fire.
- 4. Cut off electricity from main switch and remove or close down gas connections.
- 5. Evacuate classroom in less than 1 minute without pushing and falling.
- 6. In case of heavy smoke, crawl out safely from the classroom.
- 7. Evacuate school in less than 4 minutes using different exits/fire exits.
- 8. Look out for friends.
- 9. Perform head counts when reach at assembly area.
- 10. Help those who need assistance (identification of task force in advance for rescue of children with disabilities).

6. Assessment check list

A. Fire Safety Assessment

- 1. Are fire extinguishers installed in the school?
- 2. Are they in working condition?
- 3. Are students and teachers trained to use fire extinguishers?
- 4. Are they located at appropriate positions (hazardous locations)?
- 5. Are they placed at appropriate height (accessible height)?
- 6. Are instructions indicated on extinguishers?
- 7. Is the language of instructions understood by students and teachers?
- 8. Is hydrant point in the school?
- 9. Are there Sand Buckets in the school? (specify in Numbers)
- 10. Are there Water Buckets in the school? (specify in Number)
- 11. Is emergency fire fighting training and SOP disseminated to the students & teachers?
- 12. Are do's and don'ts displayed at appropriate locations?
- 13. Are emergency contact numbers displayed at appropriate locations?

- 14. Are school maps and escape routes displayed at appropriate locations in the school?
- 15. Is the emergency exit door present in the school?
- 16. Do you dispose flammable scrap at proper sight regularly?
- 17. Are the Fire Safety Norms followed in the school?
- 18. Is fire safety audit conducted annually? (Attach fire safety audit report)

B. Electrical Safety Assessment

- 1. Is the central shutdown system in place?
- 2. Has the MCB system been installed?
- 3. Are the wires coated with insulating material?
- 4. Are receptacles installed to cover live wires?
- 5. Are electrical equipments and wires checked and replaced (if required) at every six months?
- 6. Are those equipments which get heated, installed at least 1 meter away from any kind of combustible material?
- 7. Is the earthing properly done in the school?
- 8. Is any defective electrical equipment in use in the school?

Specify:

- 9. Are there any lives wires lying or tangled in open?
- 10. Is any plug point used for multiple loads?

Specify at how many points:

(Attach electric safety audit report)

C. Non Structural Safety assessment

- 1. Are the cabinets/almirahs placed away from exit doors?
- 2. Are cabinets/almirahs properly fixed to the wall?
- 3. Are these cabinets/almirahs empty on the top?
- 4. Are desk placed with proper distance between them for easy movement?
- 5. Are evacuation routes, passages and stairways clear from obstacles (like flower pots, cupboards, bookshelves, big dustbins etc.) for evacuation?
- 6. Are fans and lights secured with ceiling?
- 7. Are bottles used for storing the chemicals in laboratories secured and protected against shattering?

D. Structural Safety assessment

- 1. How old is school building?
- 2. Is building structure earthquake resistant?
- 3. Is there any portion in the building which shows sign of cracks? If yes, specify the locations
- 4. Are the Building Safety Norms followed in the school?
- 5. Has the building safety audit conducted by the structural engineer? (Attach building safety audit report)

Annexure I

a. Roles and Responsibility of School Disaster Management Committee (SDMC)

- ➤ Help school in preparation & evaluation of DM Plan
- ➤ Look into structural safety of school
- ➤ Work out financial aspects of preparedness & mitigation measures.
- Arrange conduct of Mock Exercises on various types of disasters twice a year.
- ➤ During disaster, help in coordinating various groups and teams.

b. Composition, Roles and Responsibility of Teams

The following composition of teams is suggested list. The team should have 1-2 teachers, 4-6 students and

representative from community.

1. Early warning, Communication & Awareness Generation Team

Composition

- Geography Teacher
- Art & Craft Teacher.
- Drama & Music Teacher.
- 1-2 parents (working with media/NGO)
- 1-2 students (good speaker & creative).

Roles and responsibilities:

- ➤ Keep track on weather reports, Hazard information
- ➤ Generate early warning based on relevant information
- Maintain communication before, during and after disasters within and outside the school.
- Conduct awareness programs. (Through IEC material, Rally, School level drawing/debate competitions, Street play, Exhibitions, Hoardings, Audio Visual Show etc).
- Conduct training programs by bringing in experts.
- Display of evacuation routes at different critical location.
- > Display of emergency numbers for various departments.

2. Evacuation Team

Composition

- All class teachers.
- Class monitors & hall monitor.

Roles and responsibilities:

- ➤ Identify safer locations and routes.
- ➤ Prepare school location map and floor maps of the school
- > Prepare evacuation plan in consultation with school
- ➤ Practice Duck, Cover & Hold at first sign of earthquake.
- > Evacuate in an orderly manner, in buddy system, with monitor leading & teacher bringing the last buddies along designated evacuation route.

3. Fire Safety Team

Composition

- Teachers (2)
- 1-2 parents (from fire services/ Defence/Para Military services/civil defence)
- Students trained in fire safety.

Roles and responsibilities:

- ➤ Proper maintenance of fire extinguishers. (Check the expire date)
- Ensuring proper fire extinguishers for proper site.
- ➤ Monitoring the electric supply points.
- > Switch of the main power if possible.
- Members of this team should be able to carry and use fire extinguishers.

4. Search and Rescue Team

Composition

- Sports/PT teacher
- NCC/NSS/Scouts & Guides Teacher.
- Fire Services representative
- Civil Defence Trainer.
- 1-2 parents (from uniformed forces)
- Able bodied students

Roles and responsibilities:

- After everyone is out take a round around the campus to see if anybody is left behind. (Note: not to go near the effected of danger zone).
- If there is a heavy earthquake situation, the team is not to go inside but to take a round from a safe distance from the building and call the emergency response team.

- > If any students are trapped identify if possible the areas where they are trapped.
- ➤ Brief the Emergency Response Team about the situation.

5. First Aid Team

Composition

- School doctor.
- School Nurse.
- St. John/Red Cross volunteers.
- Anganwadi workers/ANM
- 1-2 parents (doctors)
- Students trained in first aid.

Roles and responsibilities:

- Administer first aid and record all cases & treatment.
- Accompany search & rescue teams during search.
- ➤ Help in evacuating seriously injured.
- Aid the physically handicapped.

6. Coordination Team

Composition

- Members from SDMC
- NCC/NSS/Scouts & Guides Coordinator.
- School Monitor

Roles and responsibilities:

- > Over all coordination of activities under SDMC
- Facilitate and coordinate with other teams.
- To avoid chaos during disasters.
- > Systematically move the students to the safety zone.
- If it is an earthquake situation, make them wait in the classrooms and instruct them to be under the table till the tremors are over.

7. Food, Water and Sanitation Team

Composition

- Science Teacher
- NCC/NSS/Scouts & Guides students.

Roles and responsibilities:

- > To ensure safe food and drinking water to everybody.
- ➤ Proper maintenance of the available food and water resources.
- > Cleanliness of the school and surrounding campus.
- Use of mosquito repellant chemicals.
- Ensure hygienic toilets

8. Bus/Road Safety Team

Composition

- Teacher (traveling in respective buses).
- Student getting down at last stop.
- One senior most student in bus.

Roles and responsibilities:

- > Pull over to side of road, if possible in open.
- Instruct passengers to crouch down between seats and in isle until shaking stops, move out and stay till contact with DM department/school authorities.
- Ensure special need students are assisted.
- Assist giving first aid to injured students.
- Establish communication with school Control Room.

