

## **SAFETY AND EMERGENCY PREPAREDNESS**

**(Safety Begins With Team Work)**

### **AREA- SAFETY AND EMERGENCY PREPAREDNESS**

**AN INITIATIVE BY-**

**D.A.V. INTERNATIONAL SCHOOL, AHMEDABAD**

**OFF PRAHLAD NAGAR CORPORATE ROAD,**

**AHEAD OF VODAFONE CORPORATE HOUSE,**

**ADJ. ADANI VIDYA MANDIR, MAKARBA,**

**AHMEDABAD**

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## ABSTRACT

A safe learning environment is the most essential aspect in school life of a student of all age group. To enable a healthy transmission of knowledge and growth in student's life, life skill enhancement through practical application during disaster management holds prime importance. Various school workshops and sessions initiated to tackle disaster management needs special care and ambience. To create this holistic atmosphere a regular monitoring, revamping of security and safety up gradation along with proper step by step practices have to be observed.

Present scenario of school life all over India portrays several violent and stressful incidences. To cater to the needs of the present generation and keeping them abreast with the precautionary measures and knowledge of tackling the disaster helps them act according during any calamity. Keeping schools safe allows children to look forward to being in an encouraging environment that promotes social and creative learning. When their basic safety needs aren't met, children are at risk of not feeling comfortable at school and may stop showing up, or they may remain on edge throughout the day. Promoting school safety creates an open space for kids to explore, learn and grow. **Learn to be Safe** is the basic principle of any human living. Thus students, teachers, staff , drivers, housekeeping and Maids can be empowered for life time by learning the safety measures in the school as it is true to say "old habits once inculcated die hard".

## **INTRODUCTION**

For Keeping children safe at School. A safe learning environment is essential for students of all ages. Without it they are unable to focus on learning the skills needed for a successful education and future.

Moreover, Natural disasters and other emergencies can happen at any time, and when they happen at school, everyone should be prepared to handle them safely and effectively. Administrators, teachers, staff, parents and students can work together to promote and maintain school-wide safety and minimize the effects of emergencies and other dangerous situations. This guide covers different ways everyone in the school community can prepare for various natural disasters and other emergencies to stay safe.

Taking this in consideration we at DAV International School Ahmedabad started with different safety measures covering students, staff and parents of the school.

**The projects designed to cater various areas of safety we're -**

- 1. SAFETY WEEK:**
- 2. MOCK DRILL- Fire & Earthquake:**
- 3. PRINCIPAL MA'AM AUDIO MESSAGES FOR STUDENTS AND PARENTS-**
- 4. PSYCHOMETRIC TEST OF THE STAFF:**
- 5. SERIES OF WORKSHOPS TO CREATE AWARENESS ON SAFETY:**
- 6. SAFE SCHOOL: Reinstallation Of New CCTV Cameras And Fire Extinguishers**
- 7. POLICE VERIFICATION OF STAFF:**
- 8. GATE PASS SYSTEM:**
- 9. GPS TRACKING SYSTEM FOR BUS:**

## CASE PRESENTATION

### a. Identification of the Problem-

Zen Sadavarte, a 10-year-old student, emerged a hero in the fire that broke out in a residential building Crystal Tower near Hindmata Cinema in Mumbai's Parel. She was responsible for saving many lives by taking charge and assisting the safe evacuation of people caught in the fire.

Zen, who was present inside the building when the fire broke out, said that as soon as her family saw the smoke entering their house, she opened the windows and knocked on her neighbours' doors to alert them. She says she made a purifier with cotton and water for each person and asked them to inhale and exhale through it until help came. As a result, they were able to withstand the smoke long enough to be rescued by the fire department.

*DNA* reported that she credited her school teacher, who told her that it is essential to remain calm in the event of a fire and to use wet clothes.

A brain storming session was conducted with high school students. How would they react if suddenly Earth quake, tsunami or fire had come.

### b. Analysis of the problem-

There is one road accidental death in every four minutes in India. 20 children under the age of 14 die every day due to road crashes in the country. Even gruesome school accident may occur due lack of fire safety precautions in schools in India. School kitchens having LPG cylinders may prove to be fatal at times.

Electrical short circuit or heating equipment, faulty wiring or frayed wires could also cause electrical short circuits in schools if proper preventive measures and caution are not practiced.

School Vans are also virtually at risk. Electrical friction is one of the major causes of fire in vans.

Keeping the following factors in mind a team of teachers under the guidance of our Principal, Dr. Nivedita Ganguli and Section Coordinator, Anu Lakhotia have been intensively working towards creating a safe and secured atmosphere for the students along with disaster management preparedness.

**c. Objectives-**

- To encourage and support the development of safety and emergency education at schools.
- Demonstrate the practical links between the consequences and measures to be taken.
- To introduce the students to various emergencies and enable them to identify and analyse the consequences and emergency measures.
- Provide an opportunity to implement the safety measures through mock activities that promote active learning.
- To build students confidence and self-awareness.
- Imparting safety and preparedness at all level of office staff , maids, housekeeping , bus drivers and conductors.
- Dealing with various risk factors like Blue whale, Momo challenge etc.

**d. Planning done-**

Planning was done in 8 steps:

- i. Safety week Celebration
- ii. Mock drill- fire & earthquake:
- iii. Principal ma'am audio messages for students and parents-
- iv. Psychometric test of the staff:
- v. Series of workshops with to create awareness on safety:
- vi. Safe school : reinstallation of new cctv cameras and fire extinguishers
- vii. Police verification of staff:
- viii. Gate pass system:
- ix. GPS tracking system for bus:

- e. **Success criteria and possible alternatives decided:** Motto of overall development of students through inculcation and fostering of disaster management skill at tender age may pave way to develop a student's inner strength and ability to tackle problems all through his life. Developing logical analysis, rational thinking and reasoning power of students at young age to face challenges and giving them guidelines to tackle such

issues may make them a cautious , alert and intuitive citizen and help them to analyse the danger before hand thus creating of self assurance and well-being..

**f. Implementation-**

For the implementation, an operation and execution team was created. Parents were also involved in the implementation process. Step by step Implementation are as follows:

**i. Safety Week Celebration**

Taking cue from the disastrous and nerve chilling episode of brutal killing of a young school boy in Delhi which served as an eye opener to many. Keeping in view the same, our Principal, Goldmedalist, Dr. Nivedita Ganguli collaborated a team of teachers to work upon the safety, security and disaster management preparedness of the school students and staff. Thereby an awareness week was conducted from on 9<sup>th</sup> July, 2018 to 13<sup>th</sup> July, 2018. PSI, Mr. Ramani and PSI Ms. Sonara from police department gave steps to save from untoward advances from stranger.

**(Evidences in the form of photographs attached)**

- a. Good touch and bad touch session- To enable them to understand the various acts or symptoms of bad advances by known and unknown persons. A Good touch and bad touch session was conducted on 10<sup>th</sup> July, 2018 for pre-primary students which focussed on subtly creating awareness among the students through various stories and by visual presentation of good touch and bad touch.
- b. In lieu of the same students were informed about 1098 Child Helpline, which supports for child protection and child rights in India.

**(Evidences in the form of photographs attached)**

**c. Role play done by parents to create awareness about the safety measures: related to road, strangers etc to pre-primary and grade 1.**

Students were briefed by parents on Road safety on 12th July, 2018 by parents giving insight into the various safety measure and caution to be adopted while using the road. Children were enlightened about the highway code for example, safety when crossing roads, cycling proficiency tests, and the importance of cycle helmets and high visibility when cycling. Creating awareness on education, enforcement, emergency management on roads was the main aim to create a healthy traffic sense among the students.

**d. Role play done by Mr. Saxena from Fire department to create awareness about the safety measures related to road, fire safety etc to grade 3.**

Mr. Manish Saxena elaborated to the students the various tactics involved in the steps to be followed in case of fire. A fire drill dealing with the safety measures and follow up was given to the students.

**(Evidences in the form of photographs attached)**

ii. Mock drill- fire & earthquake-

A mock fire and evacuation drill involving students of grade V to X and staff members was conducted at DAV INTERNATIONAL School, AHMEDABAD in on Friday 5th October, 2018 during their regular PD periods to create awareness among the student community of fire fighting techniques and the ways to respond swiftly in times of such emergency situation. Prior to the commencement of the exercise, the students and teachers were split into various teams including fire alarm, search and rescue, evacuation, site safety etc. to carry out the mock drill.

Followed by teachers also explained about earthquake emergency plans- DROP, COVER HOLD.

**(Evidences in the form of photographs attached)**

iii. Principal ma'am audio messages for students and parents-

Creating a transition in the lives of masses, students, parents and teachers, Dr. Nivedita Ganguli time and again have instilled hope in the minds of students and parents to deal with various problems through her audio messages. The problem catered from dealing with e game like Blue whale, Mental health day awareness and solving different case studies. **(Evidences in the form of You Tube link)**

- <https://youtu.be/BpcKH7L Ttc>
- <https://youtu.be/KWTi1G1ZXTU>
- <https://youtu.be/epqcFynRLFc>
- <https://youtu.be/Pz8DL1wMFoE>

iv. Psychometric test of the staff:

Psychometric screening tool has been used to help school management to gain access to otherwise hidden information about prospective school staff including teachers, administrative and support staff. The assessment helps to improve the quality of hires



and helping school management to ensure the safety of school children. All the school staff underwent the screening process.

**(Evidences in the form of photograph)**

- v. Series of workshops
- a. Workshop of Drivers and Conductors on road safety. **Workshop on Road Safety was conducted on 1<sup>st</sup> February, 2018 by Mr. Raghunath Patil and Mr. Roopsingh Tetarawal for the school bus drivers of DAV International School, Ahmedabad.**
  - b. POSCO- An awareness workshop on POSCO Act 2012 was conducted by Anubha ma'am & Jagruti ma'am on 25th August 2018 for the staff members of the school. They shared about different laws of the act and how to make the school safe and child friendly.
  - c. Sanitation, health and safety measures- Dengue, malaria: Awareness is the key"- Keeping this in mind an awareness workshop was conducted in the school by AMC.Dr.Parth Panchal,entamologist took that interactive workshop by showing video on mosquito breeding. CHAAP group performed a nice Nukkad Nataak in front of the students. Finally students were shown mosquito larva so that they could identify them easily in their surroundings.
  - d. E games hazard, Blue Whale and Momo challenge- Adolocence is the most vibrant time period in a person's life. Our Principal ma'am Dr. Nivedita Ganguli took a brainstorming session with grade 7 students in the morning assembly. There she discussed about 'Major Issues Faced by a Teenager in School' as well as the contemporary life staking E- game and their hazards. She also gave practical solutions to all the problems which students shared with her.
- vi. Safe school :
- Reinstallation of new CCTV Cameras and Fire Extinguisher: As daily several untoward incidents across the schools in India have increase, therefore, keeping a stealthy safety and security measures in and around the school to provide a better learning and working atmosphere to students and staff , various safety gadgets were installed in the school. 143 old cameras have been replaced with 209 new cameras. 100 Fire safety extinguishers equipment have been installed in various location of school.

vii. Police verification of staff:

A comprehensible police verification of school staff, both teaching and non-teaching staff was done for each staff, promoting clarity and detailed information of staff and their background regarding any about past criminal records, FIRs etc. to provide utmost caution to the students.

viii. Gate pass system:

Each and every entry, exit, inward or dispatch are scrutinised under the surveillance camera at the Gate of the school. A strict and vigilant monitoring is done on the gate to keep record of day in and day out movement on the entrance of the school. The visitors are provided with ID card from the gate to keep strict vigilance.

ix. LOCONAV APP- GPS Tracking system for buses:

To keep a continuous monitoring on the vehicles and offering advice to drivers, or running speed checks and reminding the general public of how speeding is a major cause of accidents and contributor to deaths through road accidents. A workshop for the Drivers and conductors was conducted on .....to enhance roadside checks of vehicles for safety

**j. Challenges faced in implementation-**

1. Staff rigidness for Psychometric test
2. Coordination with the AMC
3. Inability to accept new initiatives by teachers and staff
4. Challenges faced for acquiring Police verification for non resident Gujarati teachers

**k. Resources involved (both Human and Material)-**

Parents, Teachers, Students, Police , AMC, Driver, Conductors, House Keeping.

## EVIDENCES

### Safety Week Celebration

# GOOD TOUCH & BAD TOUCH (10-07-18)



# PARENTS' PRESENTATION (12-07-18)



**Role play done by Mr.Saxena from Fire department to create awareness about the safety measures related to road, fire safety etc to grade 3.**



**A mock fire and Earthquake evacuation drill involving students and staff members**





## Psychometric test of the staff:

### Psychometry Questionnaire

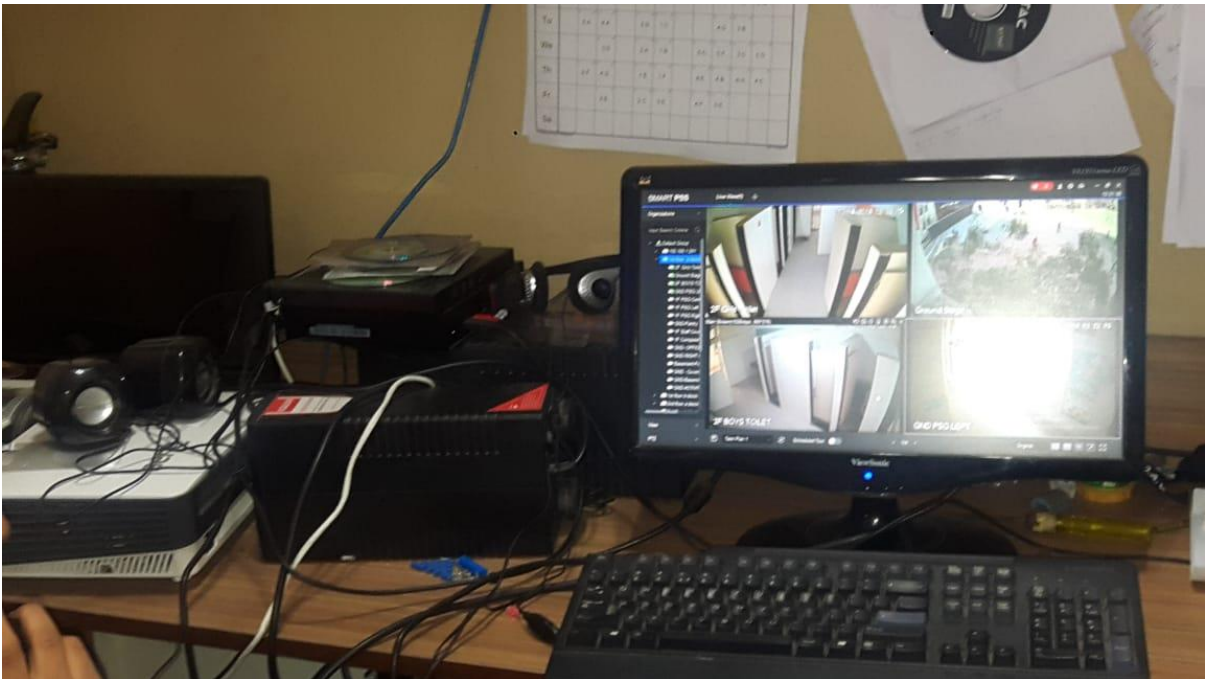
#### ORIGINAL VERSION OF THE MINNESOTA MULTIPHASIC PERSONALITY INVENTORY- 2 SCALES

1. I like mechanics magazines.
2. I have a good appetite.
3. I wake up fresh and rested most mornings.
4. I think I would like the work of a librarian.
5. I am easily awakened by noise
6. My father is a good man, or (if your father is dead) my father was a good man.
7. I like to read newspaper articles on crime.
8. My hands and feet are usually warm enough.
9. My daily life is full of things that keep me interested
10. I am about as able to work as I ever was.
11. There seems to be a lump in my throat much of the time.
12. My sex life is satisfactory.
13. People should try to understand their dreams and be guided by or take warning from them.
14. I enjoy detective or mystery stories.
15. I work under a great deal of tension.
16. Once in a while I think of things too bad to talk about.
17. I am sure I get a raw deal from life.
18. I am troubled by attacks of nausea and vomiting.
19. When I take a new job, I like to find out who it is important to be nice to.
20. I am very seldom troubled by constipation.
21. At times I have very much wanted to leave home.
22. No one seems to understand me.
23. At times I have fits of laughing and crying that I cannot control.
24. Evil spirits possess me at times.
25. I would like to be a singer.
26. I feel that it is certainly best to keep my mouth shut when I'm in trouble.
27. When people do me a wrong, I feel I should pay them back if I can, just for the principle of the thing.
28. I am bothered by an upset stomach several times a week.
29. At times I feel like swearing.
30. I have nightmares every few nights.
31. I find it hard to keep my mind on a task or job.
32. I have had very peculiar and strange experience.
33. I seldom worry about my health.
34. I have never been in trouble because of my sex behaviour.
35. Sometimes when I was young I stole things.

## **Workshops:**

## Safe school

### Reinstallation of CCTV camera and 24X7 monitoring system







**Fully equipped Fire extinguisher**





**Police verification of staff:**

## Notice for teachers/Staff

DAV/AHMD/SOP/17-18/20

Date-12/01/2018

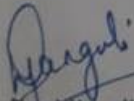
Dear staff,

We wish to apprise you that due to various safety related issues, it has become mandatory for every staff of a school to have police verification . this has come as a CBSE notice, and also from court of law.

Thus, we urge you to complete the police verification formality from the Police Station, which comes under the vicinity of your residential area, and submit your document within 10 days (22/01/2018).


List of documents you need to take:

1. 2 photographs
2. Light Bill - if the light bill is in the name of husband/In- laws then Id Proof of Husband/In-laws should be attached
3. Address Proof
4. If Light bill Address and Address proof provided are different Notarised Affidavit on Rs. 20/- Stamp Paper . 2 extra photographs.  
Affidavit should mention  
"Staying in Ahmedabad from how many years and in the address mentioned from how many years."
5. If staying on rent- Light bill + Rent Agreement + Id of landlord



Dr. Nivedita Ganguli  
Principal

## Gate Pass System

 **D.A.V. International School, Ahmedabad.**  
**GATE PASS**

Name : Satish Kumar / Kaurilbhai Date : 13-11-2018  
Designation : I.D.L Time out : 9:30 Time In : \_\_\_\_\_  
Reason for leaving school premises : Enjoy Car  
seniority at Kaurilbhai Motors  
S. S. Kulkarni Requested By [Signature] Approved BY

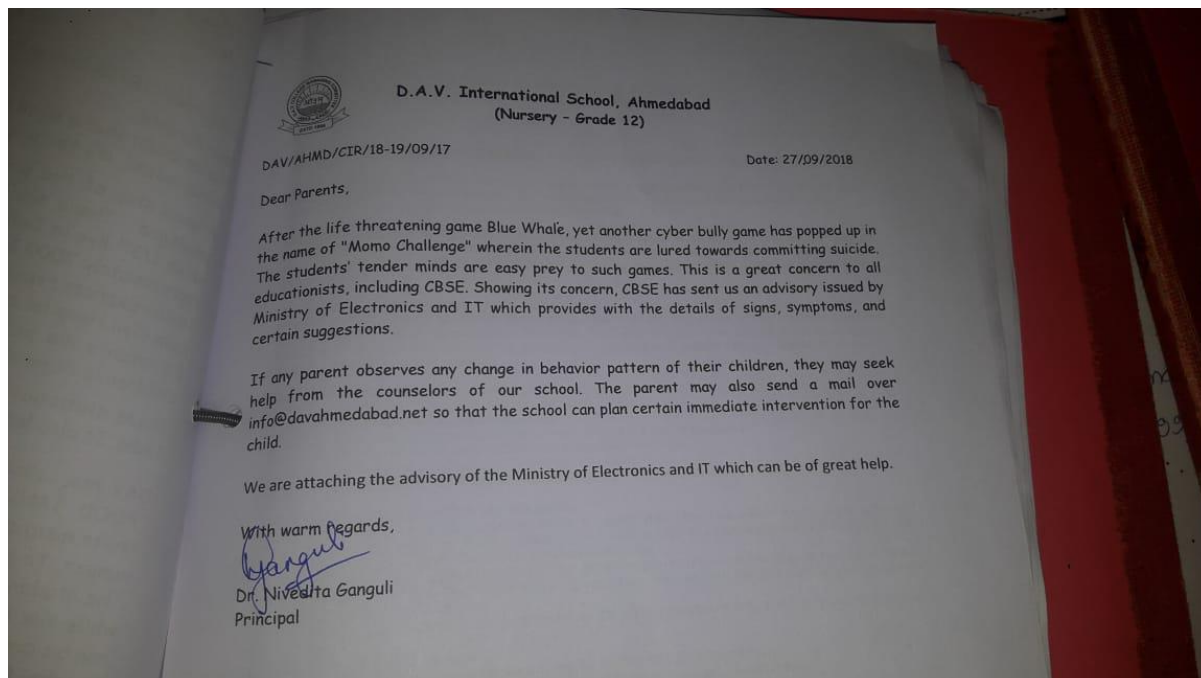
## 24X7 Tight Security( Trained Security Guards)



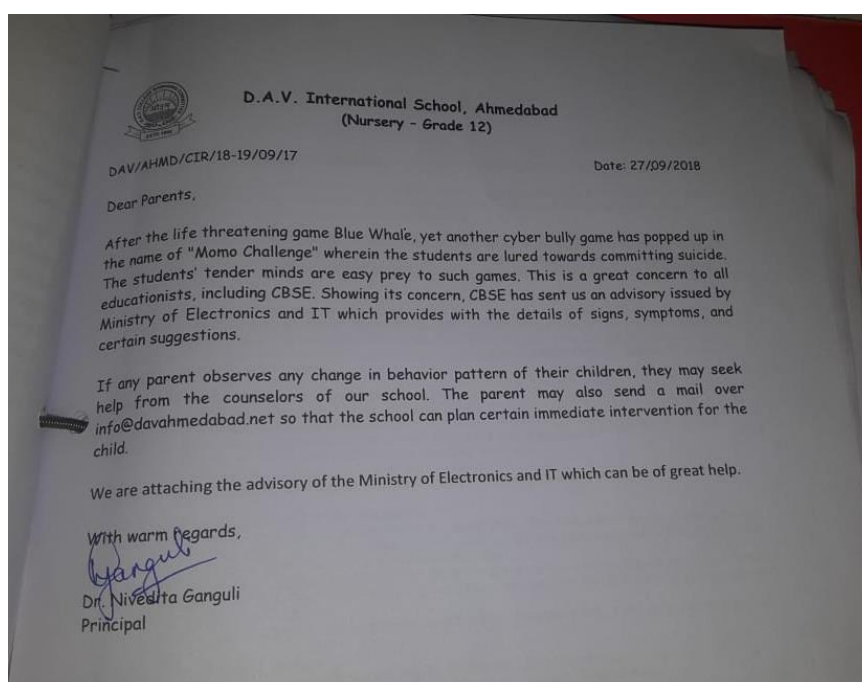


## Circulars Creating awareness on different online Games

### Blue Whale Circular



### Momo Challenge Circular



## **BENEFICIARY SATISFACTION**

The initiatives of the school to create a safety and secure environment to students and staff thereby leading to propagation of wellness among the mass creates a general satisfaction a enterprising efforts by the school to contribute towards the betterment of the society and putting children in self learning and realisation mode to imbibe moral values so as to make them a better human being. Little efforts made today will surely reap fruits in the years to come.

### **Feedback:**

## **CONCLUDING REMARKS**

School Safety is utmost important now a days. Keeping schools safe allows children to look forward to being in an encouraging environment that promotes social and creative learning. Promoting school safety creates an open space for every student to explore, learn and grow which leads to holistic development of them.