

# FIRE SAFETY



## **Fire Safety**

Comic book series about 5 major hazards (Cyclone, Domestic Fire, Earthquake, Heatwave and Thunderstorm & Lightning) for spreading awareness amongst children in the age group of 8-13 years.

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Tele : (079) 23275804 / 806 / 808 / 811

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Classroom of Std. 7





## At fire station...

Remember, fire is dangerous and can lead to loss of property and lives. So, we all need to be well aware and very cautious about the preventive measures.

Welcome students!

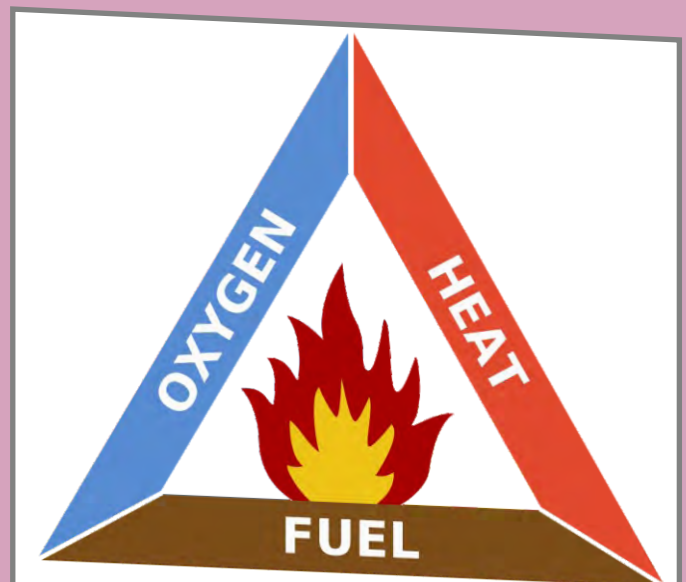
Sir, our students will be glad to learn from you.

**Yes Sir**



Understand the fire triangle to know how fire starts and spreads.

Fire needs 3 elements heat, fuel and oxygen to ignite.



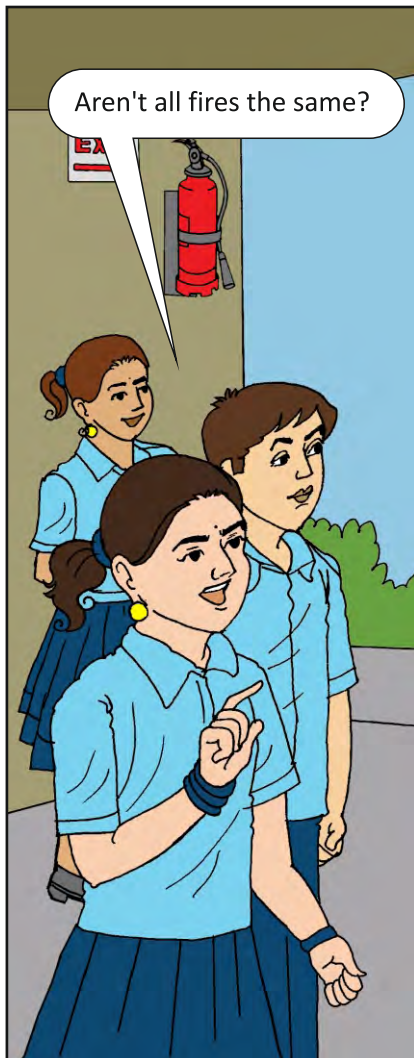










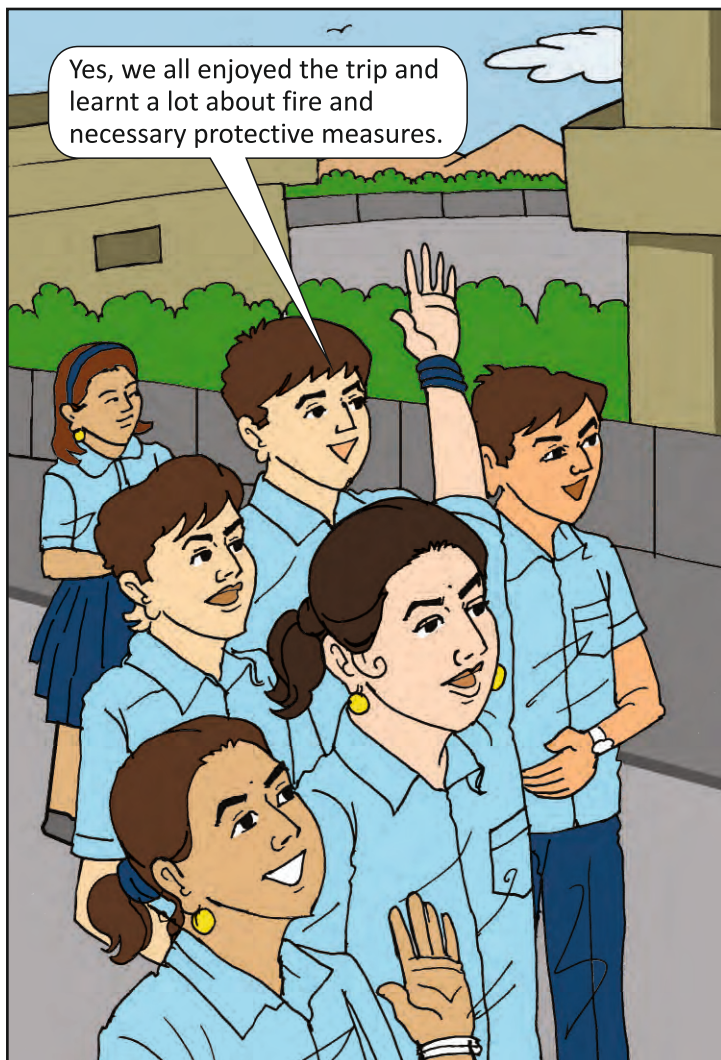
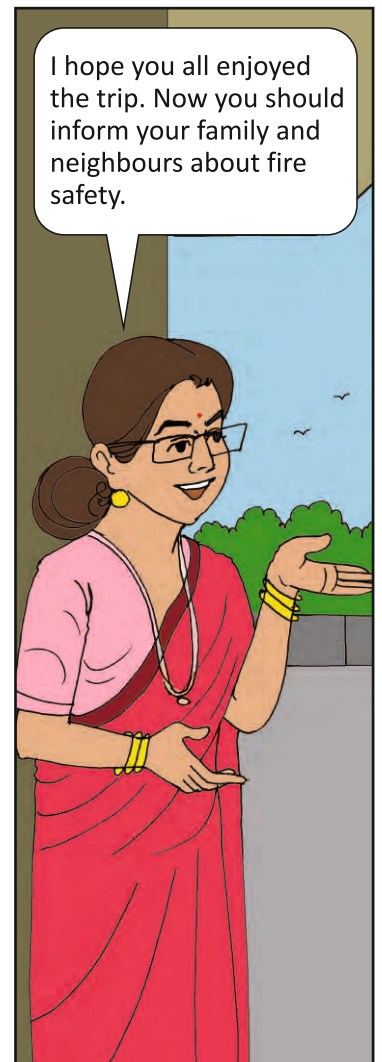
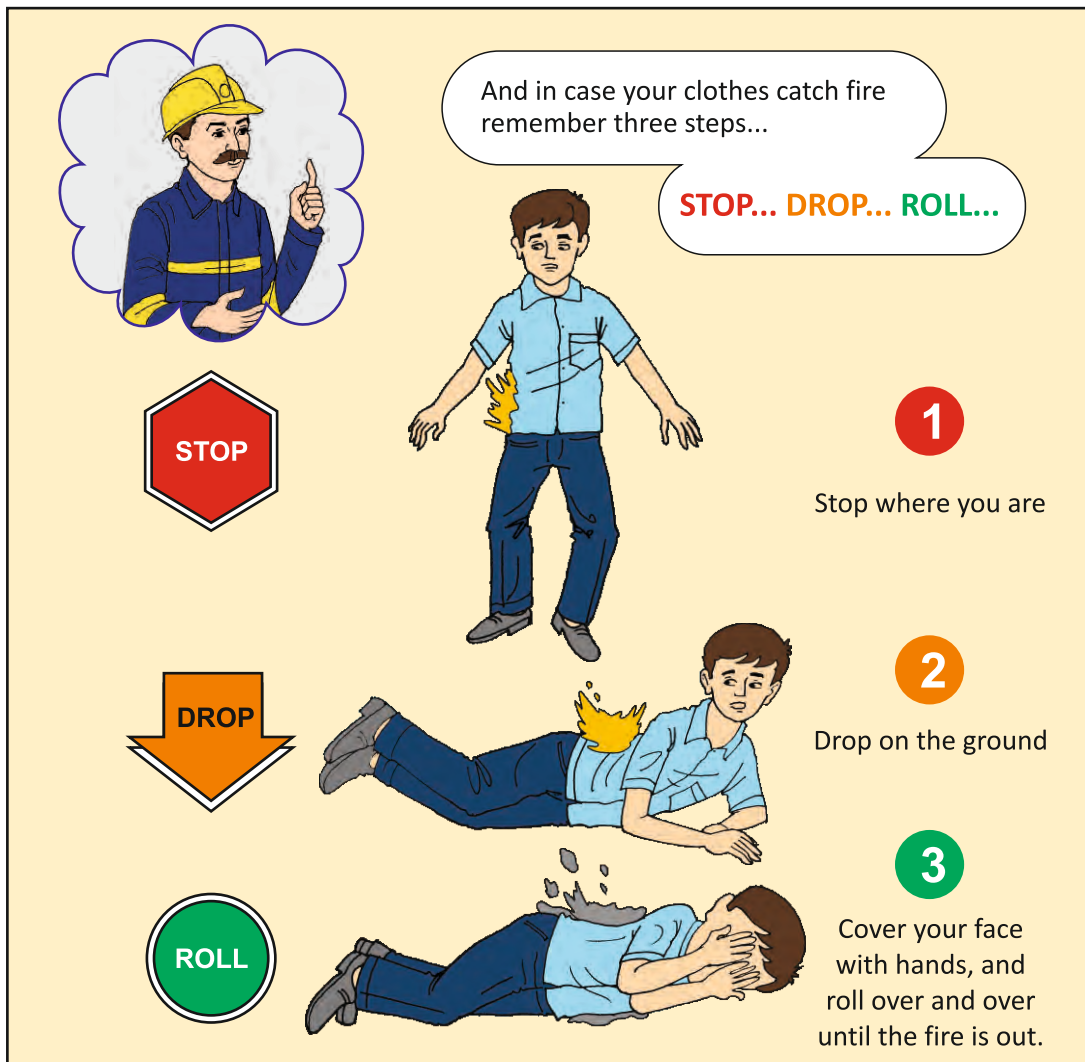


Not all fires are similar as the burning material involved may be different and hence only the correct type of extinguisher should be used else it may not work on the fire or even cause a problem.

Look at this display to understand the types of fire and appropriate fire extinguishers for the same.

Symbols found on fire extinguishers & what they mean		Water	Foam Spray	ABC Powder	Carbon Dioxide	Wet Chemical
Wood, Paper & Textiles (A)		✓	✓	✓	✗	✓
Flammable Liquids (B)		✗	✓	✓	✓	✗
Flammable Gases (C)		✗	✗	✓	✗	✗
Metals (D)		✗	✗	✓	✗	✗
Cooking oils and fats (F)		✗	✗	✗	✗	✓
Electrical Contact		✗	✗	✓	✓	✗







# FIRE SAFETY



## Do's and Don'ts Fire Safety



### Do's

- ✓ Stay Calm, don't panic and don't run.
- ✓ Raise alarm and alert everyone in your premises.
- ✓ Escape first and then call for help.
- ✓ Use nearest available exit routes.
- ✓ While leaving the premises. Close all doors & windows behind you if possible but must ensure that nobody is left behind and you are safe.
- ✓ Use only escapes routes because they are built for the purpose.
- ✓ Use staircase. "Don't use Lifts".
- ✓ If you are trapped in your room, close the door and block any gaps which might let smoke or fumes through.
- ✓ Shout from the window to attract attention of rescue team as well as others.
- ✓ Always crawl low under the smoke and try to keep your mouth covered.

### Don'ts

- ✗ Never stand up in a fire.
- ✗ Never go back into a burning building for any reason.
- ✗ Teach children not to hide from fireman, If someone is missing, tell the fireman. They are equipped to perform rescues safely.
- ✗ Don't secure open fire and smoke check doors as they limit the spread of fire and smoke when in closed position.
- ✗ Don't be tempted to clutter the stairs, corridors and lobbies as they are your escape routes.
- ✗ Never use lifts in case of fire. Always use staircase.
- ✗ Do not stop collect belongings.
- ✗ Don't shout or run. This tends to cause panic to others.

Source : [https://ndma.gov.in/kids/do\\_fires.html](https://ndma.gov.in/kids/do_fires.html)



## Fire Safety in School

### FIRE DRILLS:

- Establish a fire safety plan. Create Prevention Checklists.
- Always take school fire drills seriously and evacuate the school when the alarm sounds.
- Hold fire drills on a regular basis.
- Always sound the alarm at the first sign of smoke or fire.
- Be familiar with the location of the nearest fire alarm and extinguisher.
- Learn how to operate fire extinguishers, fire blankets, and fire hoses.

### CLASSROOMS:

- Clearly mark the evacuation route on the school floor plan, and place it adjacent to the classroom door.
- Check electrical appliances and cords regularly, and disconnect appliances where practical.
- Keep all doorways clear.
- Dispose of rubbish regularly and in a proper manner.
- Protect all unused electric outlets in kindergarten and pre-school nurseries with safety plugs.
- Do not use candles or similar open flames in classrooms.

### LABORATORIES:

- Store flammable liquids properly and dispense them from an approved safety container.
- Avoid storing incompatible chemicals next to each other as interaction may occur and cause a fire or explosion.
- Survey chemicals annually and discard any that are obsolete or show signs of decomposition.
- Order and store the minimum supply necessary.
- Clean up spills immediately.
- Repair all electrical hazards and avoid overloading outlets.

### HALLS and DOORWAYS

- Identify exits with exit signs and keep them unobstructed. Keep all doorways clear.
- Avoid wedging open hallway doors.
- Test fire doors regularly to make certain that the doors do not jam and that the hardware is not detached.
- Extension cords should not be used as a replacement for permanent wiring.

## In Case of Fire...

### On discovering a fire...



**Sound the alarm.**



**Contact the emergency services immediately.**



**If possible and safe to do so, use the appropriate extinguisher.**



**On hearing the fire alarm, leave the building immediately. Follow fire escape plan.**



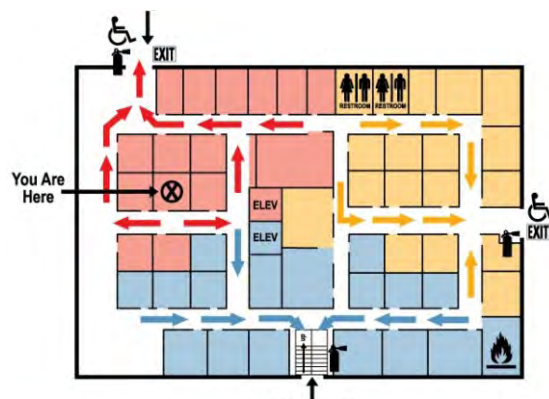
**Once outside the building gather at safe assembly point.**



## School/Home Fire Escape Plan

## School/Home Fire Escape Plan

Prepare a Fire Escape Plan and display it at a prominent place in your school or home.

[illegible]

Assembly Area



## Home Safety Challenge

Spot 7 unsafe practices from the picture below and mark an **x** on them.







Credit : Electrical Safety Begins With Me, Safe Kids Foundation.

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across the entire width of the page, providing a guide for writing. The background is a solid off-white color. There are no margins, text, or other markings present.



[illegible]



YOU CAN BE A LEADER. AN AWARE AND SAFER COMMUNITY BEGINS WITH YOU.

YOU CAN MAKE A DIFFERENCE.



START TALKING TO YOUR FAMILY, FRIENDS AND TEACHERS ABOUT HOW TO MAKE YOUR COMMUNITY BETTER PREPARED FOR DISASTER RISKS.

BE A PART OF DISASTER MANAGEMENT COMMITTEE IN YOUR SCHOOL.



GET FIRST AID TRAINING.



YOU CAN HELP YOUR SELF AND OTHERS TOO.