



LITTERA PUBLIC SCHOOL

CLASS 5

CHAPTER 6

SCIENCE

FIRE SAFETY

Causes of fire

- If boiling water spills over the body of a person it can cause bad burns.
- Lighting a matchstick by small children can prove dangerous as burning stick may fall on their clothes setting them on fire.
- A child may get burn while playing with firecrackers during celebrations.
- It is dangerous to go near the fire while wearing nylon or other synthetic clothes.
- The electric wiring in the house or a building may be defective and a fire may start due to leakage of current.

How to prevent a fire

- Should not touch boiling kettles, lighted stoves, or electric heaters.
- After lighting a fire make sure that the match stick is completely extinguished before throwing it away.
- Matchboxes should be kept out of the reach of children.
- Children and adults should be very careful while lighting firecrackers.



Conditions required for burning:

1. Presence of inflammable substance.
2. Source of fire to heat the substance.
3. Supply of oxygen.

Simple ways of putting out fire:

1. Lower the temperature of burning substance by pouring water over the fire.
2. Cut off the supply of oxygen
 - In case of person's clothes catch fire, cover the person with a thick blanket.
 - If petrol or kerosene oil catches fire , put sand over it.
3. Shut off the fuel supply.
4. Use a fire extinguisher.