



CLASS: 5

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Prepared on-

Subject: Science

Lesson-4: Safety and first aid

Shared on-

I. Key words:

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|--------------|-----------------|
| 1. First aid | 7. tetanus |
| 2. fracture | 8. hazard |
| 3. ailment | 9. expiry |
| 4. injury | 10. dehydration |
| 5. splinter | 11. emergency |
| 6. sprain | 12. antiseptic |

II. Pre activity: List the things you must have in a first aid box.

III. Name the following.

Q.1. What should be used to put a fire?

Ans- Sand, waters or fire extinguishers can be used to put out a fire.

Q.2. what should minor cuts and burns be covered with?

Ans- Minor cuts and burns need to be covered with an antiseptic cream.

Q.3. what are the three types of burns?

Ans- 1. minor burns 2. Severe burns 3. chemical burns

Q.4. Name one animal which spreads the rabies virus.

Ans- dogs, cats, rats

Q.5. what is the full form of ORS?

Ans- Oral Rehydration solution

IV. Short answers questions.

Q. 1. How can we avoid accidents?

- Ans-** 1) Persons should takes appropriate precautionary measures to avoid any form of danger or accidents.
2) Safety has to be followed everywhere, whether at home, on the road, or in school.
3) We need to follow the safety rules to avoid accidents.

Q. 2. Define fracture and its types.

Ans: A fracture is a situation when a bone breaks.

Types: 1) simple fracture- If the skin is not torn or broken, it is a simple fracture.

2) Compound fracture- If the skin is damaged and the injured bones are exposed, it is a compound fracture.

Q. 3. What first aid is given in case of an animal bite?

Ans: In case of an animal bite:

- 1) The wound must be immediately washed with soapy water to wash away germs as the rabies germs are present in the saliva of the animals.
- 2) Then some antiseptic cream is to be applied on the bite and covered with cotton.
- 3) The wound is wrapped with sterile gauze and the victim is taken to a doctor.

Q. 4. If the geyser in your house catches fire, how will you put it out?

Ans: It is an electric fire; sand must be used to put it out. The main source of electricity must be immediately turned off.

Q.5. Write two measures to be taken in case of poisoning.

Ans: The measures that must be taken in case of poisoning are –

- 1) Always wash all fruits and vegetables before eating to get rid of all the insecticides and pesticides that are poisonous.
- 2) Salt water must be ingested to induce vomiting, in case any poisonous substance is ingested.

V. Long answers questions.

Q.1. Define first aid Why is it necessary?

Ans- The immediate help given to an injured or a sick person before taking them to the hospital is called first aid.

First aid is important because it can save lives, help someone who has had an accident, and help someone who has suddenly become ill.

Q.2. How does a nose bleed occur? How do you stop it?

Ans- The delicate skin lining the inner surface of the nose has blood vessels. Due to extreme heat, These blood vessels rupture, and cause nose bleeding. Other causes could be high altitudes, allergies, colds, and even medications.

Aid in case of a nose bleeding:

- The patient must be made to sit on a chair with his/her head leaning as far back as possible.
- Ask him/her to breathe through the mouth instead of the nose for a while.
- Cover the nose with a wet cloth.
- Apply ice cubes to the bridge of the nose and the nostrils. This should stop the bleeding
- If the bleeding continues, take the patient to the doctor.

Q.3. what is the difference between fracture and wound?

Ans- A fracture is a situation when a bone breaks.

A wound is an injury that happens when the skin gets cut.

Q.4. How do we treat minor burns at home?

Ans- First Aid in case of minor burns:

- Pour running water on the burnt area.
- Apply a paste of antiseptic cream.
- A paste of baking soda and water can be used if an antiseptic is not readily available

Q.5. How will you handle an emergency situation?

Ans- An emergency situation must be handled calmly. Appropriate safety measures or first-aid Measures must be taken as per the emergency situation.

HOTS:

Q.1. Think about how ORS helps a dehydrated person. Discuss it in class.

Ans- It Made up with clean water, the ORS drink contains the main elements that are lost from the body during dehydration.

Q. 2. Why should you not put out electrical fires with water? What are the other types of fires? Which you will not put out using water?

Ans- Putting out electric fires with water can aggravate the fire and produce electric current which can be extremely dangerous. Fires caused flammable materials and combustible metals (metals that catch fire easily) must not be put out with fire.

Post-activity- Draw flow chart of types of injuries.

Subject Teacher

H.O.D.

Coordinator

Principal