

St. Andrews Scots Sr. Sec. School

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Session: 2022-2023

Class: V Subject: Science Topic: Safety and First Aid Lesson No: 3

- **Reading of the chapter**
- **Explanation (will be done in class)**

(Textbook exercise)

Section- A

Class Response

- **A. Oral Questions.**

1. Accidents occur due to carelessness.
2. Causes of fire accidents:-
 - (i) Electrical faults
 - (ii) Unsafe use of matchsticks, petromax, candles, kerosene and fire crackers, etc.
 - (iii) Gas leakage in kitchen.
3. We should follow safety rules everywhere to avoid accidents.

- **B. Science Quiz.**

1. Anti- venom injection
2. Sling
3. Sand or mud

Worksheet

- **A. Multiple Choice Questions.**

1. (b) Insect killers
2. (b) Fracture
3. (c) Water
4. (a) Splint

- **B. Fill in the blanks .**

1. first aid
2. Sling
3. Sand
4. Careful

- **D. True/ False.**

1. False
2. True
3. True

Section- B

- **A.(MCQs) Scientific/ Practical skills.**

1. (a) Sand
2. (b) above the bite

- **B. Very Short Answer Questions.**

1. Name the disease caused by a dog bite.

Ans. Rabies

2. Which number should be dialled to call fire brigade ?

Ans. 112

(Notebook Work)

- **New Words**

Any 10 words

- **Defines**

1. Traffic signs- The signs on the road for the safety of drivers and the pedestrians.
2. First aid – The immediate medical help given to an injured person before a proper medical aid.
3. Sling – A bandage or a piece of cloth tied around the neck to support the fractured arm.

- **Short Answer Questions.**

1. What is meant by fracture ?

Ans. The crack or break in a bone is called fracture.

2. List three safety measures for preventing fire.

Ans. Following are the safety measures for preventing fire:-

- (a) We should avoid wearing nylon and synthetic clothes while cooking.
- (b) Electrical wiring should be checked regularly.
- (c) Children should not light fire crackers themselves.

- **Long Answer Questions.**

1. What first aid would you provide in following cases?

- (a) Sprain

Ans. Use ice packs to reduce swelling. Some pain- relieving ointments can also

be used to get relief from pain. An elastic bandage wrapped around the joint gives support to the joint and prevents movement.

(b) Severe burn

Ans. In case of severe burns, take the patient to the doctor immediately. Sometimes blisters are formed in the burnt part, these blisters should not be pricked, otherwise they get infected. If the blisters do break, wash them with antiseptic liquid and cover with a clean piece of cloth to protect them from germs, dust and insects.

3. What is a splint? How and why should it be used ?

Ans. A long piece of cardboard or wood that is tied around the fractured part to give support and prevents movement of the broken bones is called a splint. When the leg is fractured, a splint is tied around it to prevent the movement of leg.

- **Give Reason.**

1. Why is it dangerous to play on the roadside ?

Ans. It is dangerous to play on the roadside because it can cause accident due to carelessness.

2. What should you do when a person's clothes catch fire ?

Ans. When a person's clothes catch fire, ask him to roll on the ground and cover him with a blanket or an overcoat.

Diagram/ Activity (to be done in notebook)

Important road signs



Dictation:

Any 10 words

Class Response

A Oral Questions:

1. Why do accidents occur?
2. What are the causes of fire accidents?
3. Why should we follow safety rules everywhere?

B Science Quiz:

1. Name the injection given by doctors to treat snakebite.
2. What is looped around the neck to support the fractured arm?
3. What should we use to put out fire caused by petrol?

Worksheet

A Multiple Choice Questions (MCQs):

1. Which of the following are poisonous?
(a) water ☐ (b) insect killers ☐ (c) toffees ☒
2. When a bone gets broken or cracked, it is called
(a) bleeding. ☐ (b) fracture. ☒ (c) sprain. ☐
3. In chemical burn, wash the affected area with _____.
(a) dettol ☐ (b) burnol ☐ (c) water ☒
4. When a leg is fractured, we should tie a _____ around the fractured leg.
(a) splint ☒ (b) sling ☐ (c) bandage ☐

B Fill in the blanks:

1. The immediate help given to an injured person is called first aid.
(medical aid/first aid) ☒
2. Use splint and sling in case of fracture in arm.
(sting/sling) ☒
3. Sand is useful in controlling fire due to an electric short-circuit.
(Water/Sand) ☒
4. Most accidents can be prevented, if we are more Careful.
(careful/careless) ☒

C State whether the following statements are true (T) or false (F):

1. It is safe to light crackers.
2. We should keep the medicines away from the reach of children.
3. We can use ice packs to reduce swelling caused due to sprain.

F
T
T

SECTION - B

A Multiple Choice Questions (MCQs) Scientific/Practical skills:

1. The fire caused by petrol can be extinguished by throwing
(a) sand. ☒ (b) water. ☐ (c) LPG. ☐
2. In case of snakebite, we apply a tight bandage just
(a) on the bite. ☐ (b) above the bite. ☒ (c) below the bite. ☐

B Very Short Answer Questions:

1. Name the disease caused by a dog bite. *Rabies*
2. Which number should be dialled to call fire brigade? *112*

C Short Answer Questions:

1. What is meant by fracture?
2. List three safety measures for preventing fire.
3. Kartar is a truck driver. He always carries a first-aid box with him whenever he goes on a journey, so that he could help the needy person on the way.
(a) What is first aid? (b) What do we learn from Kartar? (Value Corner)

D Long Answer Questions:

1. What first aid would you provide in following cases? (a) sprain (b) severe burn
2. What is a splint? How and why should it be used?

E Think And Answer:

1. Why is it dangerous to play on the roadside?
2. What should you do when a person's clothes catch fire?



Activity