

## 6.3 Safety Rules and Precautions During Natural Disasters

Natural disasters are dangerous events caused by natural processes of the Earth. Examples include floods, earthquakes, droughts, volcanic eruptions, storms, and landslides. People need to follow safety rules and precautions to reduce injury, death, and property damage.

### Definition of Natural Disaster

A natural disaster is a sudden event caused by natural forces that causes serious damage to people, property, and the environment.

### Importance of Safety Precautions

Safety precautions help protect human life and reduce the harmful effects of disasters. Preparedness and awareness are important during emergencies.

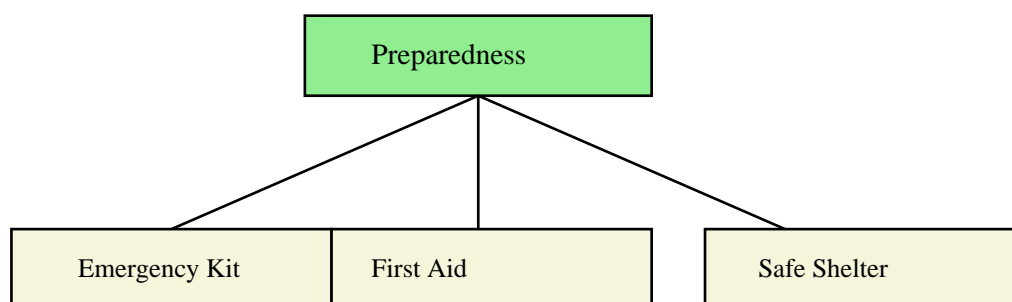
Reduce injuries and deaths. Protect homes and property. Help people respond quickly. Reduce panic during disasters. Improve community safety.

### General Safety Rules

The following rules should be followed during any natural disaster:

Stay calm and avoid panic. Listen to official instructions. Keep emergency phone numbers. Prepare emergency supplies. Help children and elderly people. Move to safe areas quickly.

### Diagram: Emergency Preparedness



## Safety During Floods

Floods occur when water covers land that is normally dry.

Move to higher ground immediately. Avoid crossing flooded roads. Switch off electricity if possible. Drink clean and safe water. Stay away from fast-moving water.

## Safety During Earthquakes

Earthquakes are sudden shaking movements of the Earth's surface.

Take cover under strong furniture. Stay away from windows. Move to open spaces after shaking stops. Avoid elevators during earthquakes. Follow emergency instructions.

## Safety During Drought

Drought is a long period with little or no rainfall.

Use water carefully. Store clean water safely. Protect crops and animals. Avoid wasting water. Follow government advice.

## Safety During Volcanic Eruptions

Volcanic eruptions release lava, ash, and gases from the Earth.

Wear masks to avoid ash inhalation. Stay indoors if ash is falling. Move away from volcanic areas. Protect eyes and skin. Listen to evacuation warnings.

## Emergency Supply Kit

An emergency kit helps people survive during disasters.

Item	Purpose
First aid kit	Treat injuries
Clean water	Drinking and cooking
Flashlight	Provide light
Food supplies	Provide energy
Radio	Receive emergency information

## Important Notes

- Natural disasters can cause serious damage.
- Preparedness helps save lives.
- Emergency kits are important during disasters.
- People should follow official instructions.
- Staying calm reduces panic and confusion.

## Summary

Natural disasters such as floods, earthquakes, droughts, and volcanic eruptions can affect human life and the environment. Following safety rules and precautions helps reduce injuries, deaths, and property damage. Emergency preparedness, awareness, and quick response are essential during disasters.

## Review Questions and Answers

### 1. What is a natural disaster?

A natural disaster is a dangerous event caused by natural forces.

### 2. Mention one safety rule during floods.

Move to higher ground immediately.

### 3. What should people do during earthquakes?

Take cover under strong furniture.

### 4. Why is an emergency kit important?

It provides necessary supplies during emergencies.

### 5. Mention one item found in an emergency kit.

First aid kit or flashlight.

### 6. Why is preparedness important?

Preparedness helps reduce injuries and deaths.

Prepared for Grade 12 Biology Students – Jemal Online Academy