

SESSION NO.: 2

CLASS: 5

SUBJECT: SCIENCE

CHAPTER NUMBER: 14

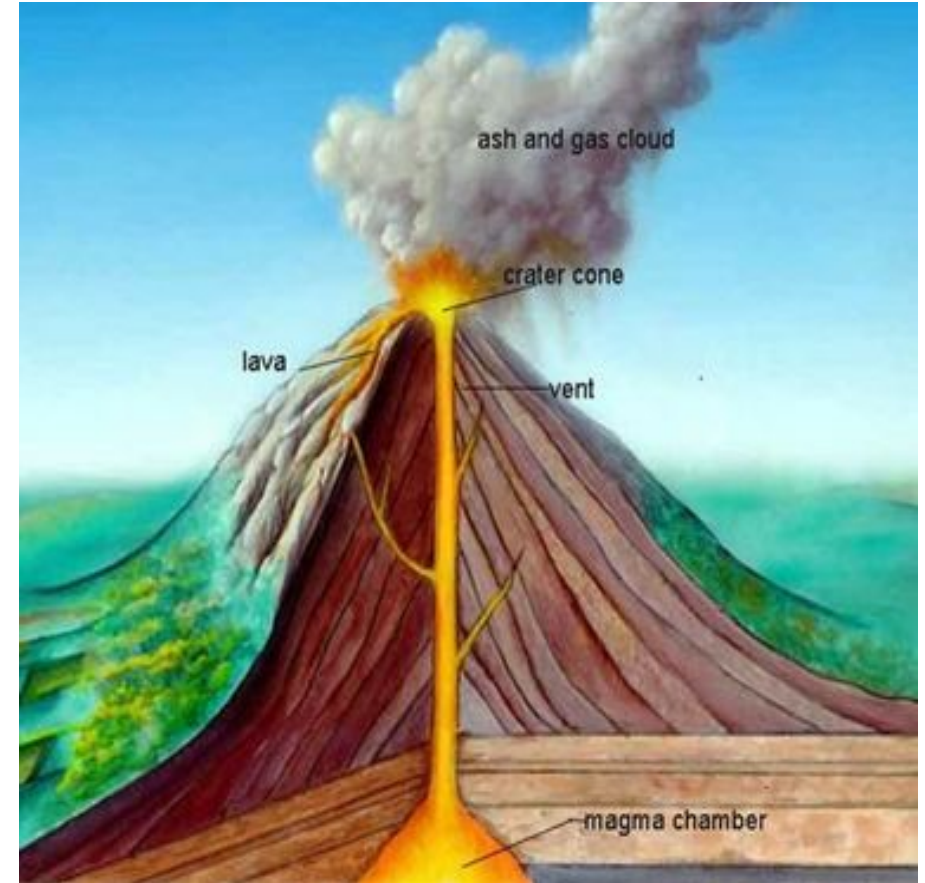
CHAPTER NAME: NATURAL DISASTERS

SUB TOPIC: VOLCANOES

CHANGING YOUR TOMORROW

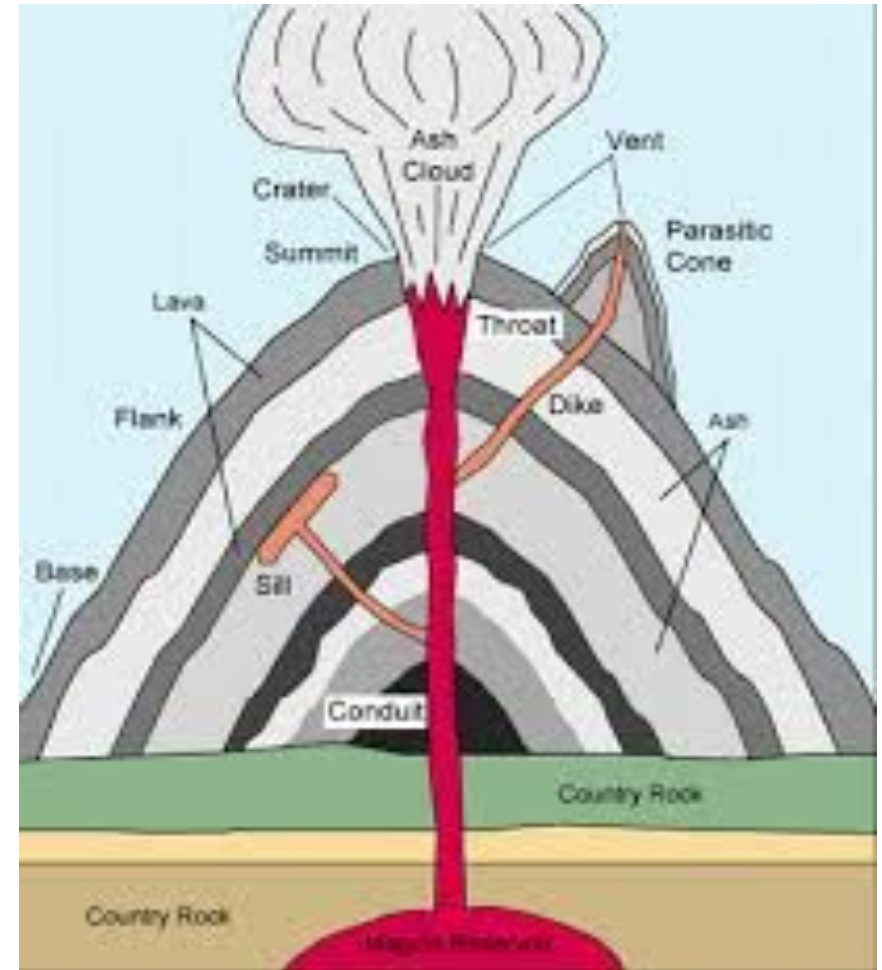
VOLCANOES

- The word 'volcano' comes from the name Vulcan, the Roman God of fire.
- A volcano is an opening on the earth's surface, which allows hot, molten rock, ash and gases to escape from below the surface.



VOLCANOES

- **Burst** will be out of the crossed vertical tunnel called a vent.
- This hot molten rock is called **Lava**.
- The lava spreads over the land sometimes covering entire region.
- When lava is below the earth's surface it is called magma.



VOLCANOES

- **Some volcanoes are formed under the sea.**
- **When the lava cools down, the area formed looks like a new island.**
- **Based on the nature of eruptions volcanoes can be active, dormant or extinct.**

Stages of volcano



VOLCANOES

- **Volcanoes that have erupted in recent years and may erupt again any time are called active volcanoes.**

Stages of volcano



VOLCANOES

- Famous active volcanoes include Mount Vesuvius, Mount Etna, Mount Erebus and Mount Fuji. The Barren Island is the only active volcano in the Indian subcontinent.
- It is located in Andaman and Nicobar Islands.



SUMMARY

- **The lava spreads over the land sometimes covering entire region.**
- **When lava is below the earth's surface it is called magma.**
- **Volcanoes that have erupted in recent years and may erupt again any time are called active volcanoes.**
- **Volcanoes that have not erupted in recent years but may erupt in future are called dormant volcanoes.**
- **Volcanoes which have stopped erupting are called extinct volcanoes.**

READY FOR A
QUIZ?

Q1. Volcano which have stopped erupting are called _____.

Ans: Extinct

Q2. Name the only active volcano of Indian subcontinent.

Ans: Barren Island

HOMework

- **Make all three kinds of volcano in your project record.**

LEARNING OUTCOME

The learner will be able to:

- **identify different types of natural disasters.**
- **know how an earthquake occurs**

THANKING YOU
ODM EDUCATIONAL GROUP