

SESSION NO.: 4

CLASS: 5

SUBJECT: SCIENCE

CHAPTER NUMBER: 7

CHAPTER NAME: ROCKS AND MINERALS

SUB TOPIC: SEDIMENTARY ROCKS- SHALE, LIMESTONE

CHANGING YOUR TOMORROW

RECAPITULATION

Name the followings:

- **The rock that contain minerals like feldspar, quartz and mica.**
- **The molten rock that comes out to the surface of the earth.**
- **The rock used to make cutting tools.**
- **The rock used by dentists for polishing teeth.**
- **Red Fort is made up of this rock.**

SEDIMENTARY ROCKS

- Most part of the earth's surface is covered with sedimentary rocks.
- Sedimentary rocks are types of rock that are formed by the accumulation or deposition of mineral or organic particles at the Earth's surface, followed by cementation.



TYPES OF SEDIMENTARY ROCKS

There are various types of sedimentary rocks. They are:



Sandstone



Conglomerate



Shale



Limestone

SHALE

- It is made up of clay and mud particles piled up in layers.
- It is used to make tiles and bricks because of its clay content.



LIMESTONE

- It is made up of a mineral called calcite, which was once a part of animal shells.
- It is mostly grey or white in colour.
- Chalk is a form of limestone.
- It is used to make bricks and glass, for separating pure metals from their ores.



FOSSILS

- Fossils are the remains or traces of ancient life that have been preserved by natural processes.
- Sedimentary rocks have traces of fossils in them which help scientists to find out about various life forms on the earth.



SUMMARY

- **Sedimentary rocks are types of rock that are formed by the accumulation or deposition of mineral or organic particles at the Earth's surface, followed by cementation.**
- **Shale is made up of clay and mud particles piled up in layers.**
- **Limestone is used to make bricks and glass, for separating pure metals from their ores.**
- **Sedimentary rocks have traces of fossils in them which help scientists to find out about various life forms on the earth.**

READY FOR A
QUIZ ?

1. The sedimentary rock which is used to make tiles and bricks.

Ans: Shale

2. The mineral that is found in limestone.

Ans: Calcite

3. Chalk is one form of _____.

Ans: Limestone

4. _____ are the remains or traces of ancient life that have been preserved by natural processes.

Ans: Fossils

HOMEWORK

- **Mrs. Sinha wants to buy a ring for her daughter's wedding, which rock would she like in the ring? Why?**

LEARNING OUTCOME

The learner will be able to:

- **Identify the different kinds of sedimentary rocks.**

THANKING YOU
ODM EDUCATIONAL GROUP