

WELCOME TO THE ONLINE CLASS

SESSION NO.: 6

CLASS: 5

SUBJECT: SCIENCE

CHAPTER NUMBER: 7

CHAPTER NAME: ROCKS AND MINERALS

SUB TOPIC: SEDIMENTARY ROCKS- SHALE, LIMESTONE

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

- Identify the different kinds of sedimentary rocks.

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
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