

WELCOME TO THE ONLINE CLASS

SESSION NO.: 5

CLASS: 5

SUBJECT: SCIENCE

CHAPTER NUMBER: 7

CHAPTER NAME: ROCKS AND MINERALS

**SUB TOPIC: SEDIMENTARY ROCKS- SANDSTONE,
CONGLOMERATE**

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

- Understand the formation of sedimentary rocks.
- Identify the different kinds of sedimentary rocks.

RECAPITULATION

- Name the rock formed by the cooling of lava.
- The hot molten material that reaches the earth's surface is known as _____.
- Name the minerals found in granite.
- Name the type of igneous rock that has many holes formed by the gases trapped in it.
- Which igneous rock is used to make cutting tools? Why?

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.**



FORMATION OF SEDIMENTARY ROCKS

- Sedimentary rocks are formed from pebbles, sand, mud or clay and even the shells of tiny sea creatures that are deposited in oceans.
- These are brought down to the shore by flowing water or ice and are piled up in layers.
- The layers are cemented together by minerals.



TYPES OF SEDIMENTARY ROCKS

There are various types of sedimentary rocks. They are:



Sandstone



Conglomerate



Shale



Limestone

SANDSTONE

- It is made from particles of sand that are cemented together.
- It mostly contains quartz.
- It may be yellow, brown, red or pink in colour.
- Red Fort, Hawa Mahal, etc. are made from sandstone.



CONGLOMERATE

- It has uneven texture.
- It is formed from pebbles and gravel cemented together by minerals and sand and carried by water.
- It is found in shades of grey and orange.
- It is used as an ornamental rock and for polishing ornaments.



SUMMARY

- Major part of the earth is sedimentary rock.
- 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.
- Sedimentary rocks are of various types: sandstone, conglomerate, shale and limestone.
- Sandstone is used to make buildings.
- Conglomerate is used to make ornaments.

READY FOR A
QUIZ ?

- 1. Rocks formed by the accumulation and deposition of minerals, followed by cementing.**

Ans: Sedimentary rocks

2. Sedimentary rock that contains mineral quartz.

Ans: Sandstone

3. An ornamental sedimentary rock.

Ans: Conglomerate

HOMework

- **Make a flowchart to show the various rocks and their types.**

LEARNING OUTCOME

The learner will be able to:

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

THANKING YOU
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