

ROCKS

Subject

Basic Science

Prepared By

[Instructor Name]

Grade Level

4

Overview

This lesson plan covers teaching content for;

1. Types of rocks
2. Uses of rocks

Objectives

Students should be able to;

1. Identify a rock.
2. Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties
3. Describe in simple terms how fossils are formed when things that have lived are trapped within rock
4. Recognize that soils are made from rocks and organic matter.

Activity Starter/Instruction

1. Ask students if they have ever seen a rock before.
2. Ask them where and to also describe it
3. Explain to them that a rock is a stony, hard and solid mass which contains minerals and other materials.
4. List the types of rocks and explain how they are made.
5. Display pictures of different types of rock.

Guided Practice

Day 2/ Lesson 2: 15 Mins

1. Revising on the types of rocks.
2. Give examples of each type of rock on the board.
3. Wipe the board
4. List the examples of different types of rock without classifying them.
5. Draw this table on the board and ask the students to classify the examples to the appropriate column

Igneous rocks	Metamorphic rocks	Sedimentary rocks
Granite	Sandstone	Marble

Teacher Guide

Day 1/ Lesson 1: 15 Mins

1. Ask student to list the various uses of rocks they can think of.
2. Explain to them that rocks are also used to produce precious things. Rock (stone) is important in the making of many objects, such as plates, jewellery and toothpaste. Useful rocks are mined, dug up from the ground. Materials that are obtained from mining include gold, silver, iron, coal, uranium, rock salt and potash. We take important fuels like oil, gas and coal from rock
3. Ask students to write five uses of rocks in their notes.

Guided Practice

Day 3/ Lesson 3: 15 Min

1. Ask the students to name the big rocks in Nigeria and where they are located.
2. Display pictures showing the different landmark rocks in Nigeria.
3. Ask them if they have visited one before.
4. Discuss the shape, location and features of each rock with pupils.

Materials Required

- Pictures

Additional Resources

- <https://images.app.goo.gl/GmWoZiyZM1kQ>
- <https://betterlesson.com/lesson/628407/ea>
- <https://www.education.com/lesson-plan/types-of-rocks/>
- <https://www.rocksandminerals4u.com/lessc>

Additional Notes

Basalt	Mudstone	Slate
Obsidian	Chalk	Quartzite
Pumice	Flint	Granulite

5. Tell them that these rocks are so unique that people (tourists) come from other countries just to see them.

6. Tell them the largest rock in Nigeria is Olumo Rock and it is located in Abeokuta, Ogun State.

7. Ask students to write the names of all rocks in Nigeria and where they are located in their note.

Assessment Activity

Assess if pupils can:

1. Describe a rock.
2. List the types of rocks and how they are formed.

Assessment Activity

Assess if pupils can:

1. List the uses of rock.
2. List and identify the rocks in Nigeria and their location.

Summary

- 1.