



Subject: Science

Year group: 3 Term: Autumn

Title: Rocks

What should I already know?

- The name of variety of common materials that make up everyday objects.
- That I can identify and compare different materials, including rocks.

Facts I will learn

- There are many different types of rocks, including pebbles, stones, crystals, etc.
- Some rocks can absorb water (soluble) and some cannot (insoluble)
- Fossils are formed when living things are trapped and preserved in the rock.
- Soil is made up of organic matter and rocks.
- Rocks need to be compared that can be found in the local environment.

Key questions

- What different types of rocks are there?
- How can I classify different rock types in my area?
- How are fossils formed?
- What is soil made up of?
- How could I create my own fossil?

Key Skills.....

- Ask relevant questions and use different scientific enquiries to answer them.
- Set up simple practical enquiries, comparative and fair tests.
- Make systematic and careful observations, including taking accurate measurements.
- Classifying and present data to help answer questions.
- Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts and tables.
- Report on findings from enquiries, including presentations of results and conclusions.
- Identify differences, similarities or changes related to simple scientific ideas and processes.

Experiences that school will provide:

- To look at different types of rocks. Hands on experience. Discussing the different types, how they feel and look, are they light/heavy.

**Key vocab****Definition**

Rock	The solid mineral material making forming part of the surface of the earth.
Slate	A fine grey-green rock easily split into plates.
Chalk	A soft limestone formed from the remains of sea creatures.
Granite	A very hard rock
Fossils	The remains or traces of plants and animals that live a long time ago
Erosion	The wearing away of the land by forces such as water, wind, and ice.

• Use straightforward scientific evidence to answer questions or to support their findings.	• To make a fossil	
Web links https://www.bbc.co.uk/bitesize/topics/z9bbkqt	Experiences that could be provided at home... • Learn how to skim a rock. Which rocks are best and why?	