

Science - Rocks

Please help your child with their learning by going through this fact sheet with them. They will be quizzed on this at the end of half term. We appreciate your support.

There are three different types of rock.

These are: sedimentary, igneous and metamorphic.

If a rock is impermeable, it does NOT allow water to pass through it.

Some rocks are human made and other rocks are natural rocks.

Soils are made from rocks and organic matter.

A soil profile refers to the different layers that make up the soil.

Rocks that are formed by layers of sediment being pressed down are called sedimentary.

Erosion is when rocks and soil are worn away.

Fossils are formed when living things get trapped within rock.

Some rocks allow water to pass through them. We call these permeable.



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Key Vocabulary

- **Sedimentary Rock** - rocks formed by layers of sediment being pressed down.
- **Igneous Rock** - rocks formed from the cooling and hardening of molten rock.
- **Metamorphic Rock** - rocks that started out as one type of rock but have changed into another due to high heat and/or pressure.
- **Sediment** - materials that settle at the bottom of the sea/river such as stones, gravel and sand.
- **Organic Matter** - anything that has come from a living animal or plant such as leaves, twigs and even animal poo!