

New Knowledge and vocabulary

Soil

Soil is made up of dead plants and animals, small bits of rock and water. There are different types of rock -

Sandy soil - pale coloured and has large particles.

Clay soil - grey coloured, sticky to touch and difficult for water to get through.

Chalky soil - light brown colour. Water drains easily through it.

Peat - doesn't have rocks in it. Rich in nutrients. Dark and crumbly.

Rocks

There are different types of rocks.

Granite - this is a very strong rock which can be used to construct buildings.

Chalk - a soft rock which can be used to write with.

Slate - a rock split into sheets. It is a useful material for roof tiles.

Marble - a hard rock which often has attractive patterns on. It is sometimes used to make floor tiles and statues.

Permeable and impermeable

Im- prefix meaning 'not'.

Permeable rocks allow water to pass through. Impermeable rocks do not allow water to pass through.

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Fossils

A fossil is the remains of a dead animal. It is usually just a skeleton that remains.

Sometimes, footprints and poo can become fossils!

Fossils can be found on beaches and quarries.

These fossils are over 450 million years old!



Rocks can be used for buildings **because...**

Rocks can be used for buildings **but....**

Application of knowledge

Go out into the local area and look for different types of rocks and soils - what examples can be found? Are some of these more common in our local area?

Test a range of rocks to see if they are permeable or impermeable.

Invite the Sedgewick Museum staff to bring rock collection and talk to the children about them.