

New Knowledge and vocabulary

Soil	<p>Soil is made up of dead plants and animals, small bits of rock and water. There are different types of rock -</p> <p>Sandy soil - pale coloured and has large particles.</p> <p>Clay soil - grey coloured, sticky to touch and difficult for water to get through.</p> <p>Chalky soil - light brown colour. Water drains easily through it.</p> <p>Peat - doesn't have rocks in it. Rich in nutrients. Dark and crumbly.</p>
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Rocks	<p>There are different types of rocks.</p> <p>Granite - this is a very strong rock which can be used to construct buildings.</p> <p>Chalk - a soft rock which can be used to write with.</p> <p>Slate - a rock split into sheets. It is a useful material for roof tiles.</p> <p>Marble - a hard rock which often has attractive patterns on. It is sometimes used to make floor tiles and statues.</p>
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Permeable and impermeable	<p>Im- prefix meaning 'not'.</p> <p>Permeable rocks allow water to pass through. Impermeable rocks do not allow water to pass through.</p>
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Fossils	<p>A fossil is the remains of a dead animal. It is usually just a skeleton that remains.</p> <p>Sometimes, footprints and poo can become fossils!</p> <p>Fossils can be found on beaches and quarries.</p>
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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.