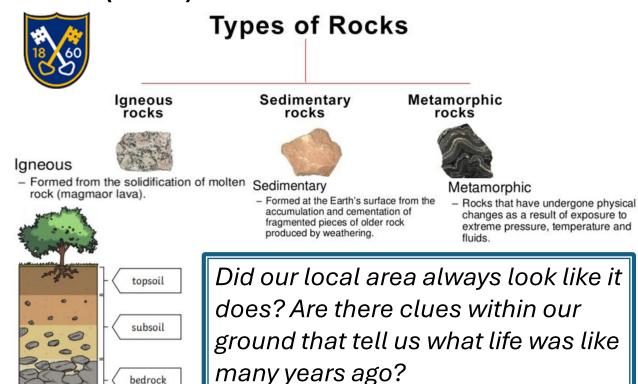
## What natural objects link science with history and geography? Are all rocks the same? (Year 3)



Key vocabulary		
Magma	Molten rock that remains underground.	
Lava	Molten rock that comes out of the ground.	
sediment	Natural solid material that is moved and dropped off in a new place by water or wind.	
Permeable	Allows liquids to pass through it.	
impermeable	Does not allow liquids to pass through it.	
Fossilisation	The process by which fossils are made.	
Palaeontology	The study of fossils.	
Erosion	When water, wind or ice wears away land.	

## Fossilisation An animal dies. It gets More layers of rock cover Over thousands of years, Changes in sea level take As erosion and weathering it. Only hard parts of sediment might enter the place over a long period. take place, eventually the covered with sediments fossil becomes exposed. the creature remain, e.g. mould to make a cast which eventually become bones, shells and teeth. fossil. Bones may change rock. to mineral but will stay the same shape.



Prior Learning (Development matters/Year 1)	Local links	Unit Objectives
<ul> <li>Explore the natural world around them</li> <li>Describe what they see, hear and feel</li> <li>Describe the simple physical properties of a variety of everyday materials</li> <li>Compare and group together a variety of everyday materials on the basis of their simple physical properties.</li> </ul>	<ul> <li>What is the soil around Newton made of?</li> <li>How has stone been used for building in Newton?</li> <li>British Geological Survey- rock classification in your local area</li> </ul>	<ul> <li>Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties</li> <li>Describe in simple terms how fossils are formed when things that have lived are trapped within rock</li> <li>Recognise that soils are made from rocks and organic matter.</li> </ul>
		Where next? The period table and the properties of elements? (Year 8)  Light Bill Bill Bill Bill Bill Bill Bill Bil