# Rocks

## Knowledge Rocks

I can compare and group together different kinds of rocks on the basis of their appearance and simple physical properties

I can describe in simple terms how fossils are formed when things that have lived are trapped within rock

I can recognise that soils are made from rocks and organic matter.

# Working Scientifically

I can ask relevant questions and use different types of scientific enquiries to answer them

I can make systematic and careful observations

I can gather, record, classify and present data in a variety of ways help in answering questions

I can identify differences, similarities or changes related to simple scientific ideas and processes

I can use straightforward scientific evidence to answer questions or to support their findings.

Key Vocabulary

fossilisation

erosion

palacontology

Key Vocabulary			
igneous rock	Rock that has been formed from magma or lava.		
sedimentary rock	Rock that has been formed by layers of <b>sediment</b> being pressed down hard and sticking together. You can see the layers of <b>sediment</b> in the rock.		
metamorphic rock	Rock that started out as <b>igneous</b> or <b>sedimentary rock</b> but changed due to being exposed to extreme heat or pressure.		
magma	Molten rock that remains underground.		
Ιανα	Molten rock that comes out of the ground is called <mark>lava</mark> .		
sediment	Natural solid material that is moved and dropped off in a new place by water or wind, e.g. sand.		
permeable	Allows liquids to pass through it.		
impermeable	Does not allow liquids to pass through it.		



# Activate Prior Knowledge

• Exploring the natural world around them, making observations.



Fossilisation				
covered with sediments	More layers of rock cover it. Only hard parts of the creature remain, e.g. bones, shells and teeth.	sediment might enter the	place over a long period.	As <b>erosi</b> take plo fossil bo

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sion and weathering lace, eventually the becomes exposed.

