

Knowledge Organiser

Year 3

Subject: Science - Chemistry

Main Learning: Rocks

Key knowledge	Date
Know that the Earth is made up of different types of rocks	
How are fossils formed ?	
What is soil?	
Know the difference between igneous, sedimentary and metamorphic rocks.	
Group together different rocks according to different attributes	
Know that some crystals are extremely rare and valuable	

Vocabulary	
sedimentary	Are formed when sand, mud and pebbles get laid down in layers. Over time, these layers are squashed under more and more layers
metamorphic	When a rock experiences heat and pressure, it becomes a metamorphic rock
igneous	Is formed when magma cools and solidifies. It may do this above or below the Earth's surface
crystals	These are a special kind of solid material where the molecules fit together in a repeating pattern
fossil	A fossil is the preserved remains or traces of a dead organism
soil	Consists of a mix of organic material (decayed plants and animals) and broken bits of rocks and minerals



SCIENCE



Prior Knowledge –