



let anyone look down on you because you are young but set an example for the believers in speech; in conduct; in love; in faith and in purity.
(1 Timothy 4:12)

Subject: Science	Year group: 3 Term: Spring 1	Title: Rock and Roll! - Chemistry						
What should I know? - There are different types of rocks - Different rocks look and feel different - Rocks can be used for different things Types of Rocks Igneous rocks Sedimentary rocks Metamorphic rocks	Facts I will learn ... - How rocks can be grouped and compared based on their appearance and properties - How fossils are formed - That soils are made from rocks and organic matter 	Key questions ... - What is rock? - How can rocks be different? - What are rocks used for? - How can we test/compare rocks? - What if all rocks were the same? - How do rocks change over time? - What are fossils? - How are fossils formed? - What can fossils tell us about the past? - What is soil made up of? - How is soil formed?						
Key Skills... - Identifying the properties of rocks - Comparing rocks and grouping them according to their properties - Explaining how fossils are formed - Explaining what soil is made up of	Experiences that school will provide: - A visit to a quarry or museum - Opportunity to learn how to skim a rock 	Key vocab and definition <table><tr><td>Rock</td><td>The solid mineral material making forming part of the surface of the earth.</td></tr><tr><td>Slate</td><td>A fine grey-green rock easily split into plates.</td></tr><tr><td>Chalk</td><td>A soft limestone</td></tr></table>	Rock	The solid mineral material making forming part of the surface of the earth.	Slate	A fine grey-green rock easily split into plates.	Chalk	A soft limestone
Rock	The solid mineral material making forming part of the surface of the earth.							
Slate	A fine grey-green rock easily split into plates.							
Chalk	A soft limestone							

			formed from the remains of sea creatures.
Web links https://www.topmarks.co.uk/Search.aspx?q=rocks%20and%20soils https://www.bbc.co.uk/bitesize/subjects/z2pfb9q (Materials area)	Experiences that could be provided at home... Complete an indoor and outdoor rock hunt – can you find examples of the different types of rock?	Granite	A very hard rock used as building stone.
		Crystals	A special kind of solid material where the molecules fit together to make a repeating pattern.
		Fossil	The remains or impression of a prehistoric plant or animal embedded in a rock.
		Weathering	The breakdown of rocks, soils and minerals through contact with the Earth's atmosphere and water.
		Erosion	The action that removes soil and rock from one location on the Earth's crust to another.

--	--	--