

Prior Learning:					
Lesson Number	Title	Lesson Objectives	Content	Key words	Assessment/Homework
1	Rocks and their uses	How can we describe rocks?	<ul style="list-style-type: none"> <li>Describe the textures of different rocks</li> <li>Explain how some of the properties of rocks relate to their texture</li> <li>Recall uses of rocks</li> </ul>	<ul style="list-style-type: none"> <li>Igneous</li> <li>Metamorphic</li> <li>Sedimentary</li> <li>Grains</li> <li>Crystals</li> </ul>	
2	Igneous and metamorphic	How are igneous and metamorphic rocks formed?	<ul style="list-style-type: none"> <li>Recall the structure of the earth</li> <li>Describe how igneous and metamorphic rocks are formed</li> <li>Explain how the size of the grain is evidence of the speed of cooling</li> </ul>	<ul style="list-style-type: none"> <li>Igneous</li> <li>Metamorphic</li> <li>Intrusive</li> <li>Extrusive</li> <li>Particles</li> </ul>	
3	Weathering and erosion	How do rocks wear away?	<ul style="list-style-type: none"> <li>Describe freeze thaw and onion skin weathering</li> <li>Describe how rocks are eroded</li> </ul>	<ul style="list-style-type: none"> <li>Physical, biological and chemical weathering</li> <li>Erosion</li> </ul>	20-mark multiple choice quiz

4	Sedimentary rocks	How are sedimentary rocks formed?	<ul style="list-style-type: none"> <li>Describe how sedimentary rocks are formed</li> <li>Describe texture of sedimentary rocks</li> <li>Use the rock cycle to link all three types of rocks</li> </ul>		
5	Materials in the Earth	How do we get metals from the Earth?	<ul style="list-style-type: none"> <li>How are metals obtained</li> <li>Describe some of the impacts of mining</li> <li>Describe some advantages of recycling metals</li> </ul>	<ul style="list-style-type: none"> <li>Metal ores</li> </ul>	
<b>Revision and Test</b>					
<b>Where we will use these ideas again</b>		C4: Chemical changes: ores C10: Sustainable development: alternative methods of metal extraction B7: variation and evolution: fossil evidence			