



# Pinner Wood School



<b>Year Group</b>	3	<b>Term</b>	Spring	<b>Subject</b>	Science	<b>Topic</b>	Rocks and Fossils
						<b>Key Question</b>	What are the differences between rocks, fossils and soils?
<b>Prior Learning and other Curriculum Links</b>	<p>EYFS The Natural World Explore the natural world around them, making observations; know some similarities and differences between the natural world around them and contrasting environments; understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> <p>Materials: Explore a range of materials</p> <p>Year 1: materials- classifying and describing materials</p> <p>History- The Stone Age</p> <p>Geography- Exploring the UK and Canal networks</p>				<b>Target Tracker statements (Skills)</b>	<p>I can examine and do practical experiments on various types of rocks in order to group them on the basis of their appearance and simple physical properties.</p> <p>I can simply describe how fossils are formed when things that have lived are trapped within rock.</p> <p>I can explain that soils are made from rocks and organic matter.</p>	
<b>Fundamentals</b>	To know that the earth is made up of different layers of rocks.				<b>Key Facts/Sticky Knowledge</b>	<ul style="list-style-type: none"> <li>Recall the layers of the Earth (crust, mantle, outer core and inner core)</li> <li>Group and classify rocks into categories based on their physical appearance and properties (igneous, metamorphic and sedimentary)</li> <li>Describe how fossils are formed when things that have lived are trapped within rock</li> <li>Recognise that soil is made from rocks and organic matter</li> <li></li> </ul>	

<b>Our Curriculum Journey</b>	<p>Children will begin by looking at how the different rocks (igneous, metamorphic and sedimentary) are formed. They will also be shown the different layers of the earth. The children then move onto identifying the features of the different types of rocks by being given different rocks and information about igneous, metamorphic and sedimentary and sorting the rocks according to this. The children will then look at fossils and how they are created. Finally, the children will look at different types of soil and will investigate what soil does for our planet.</p>		
<b>Key Vocabulary (revisited)</b>		<b>Key Vocabulary (new)</b>	<p>Crust, mantle, outer core, inner core  Igneous, metamorphic, sedimentary, hard, soft, permeable, impermeable, durable, density  Fossils, fossilisation, palaeontologist, permeable, impermeable, durable, density, soil, compost, absorption</p>