



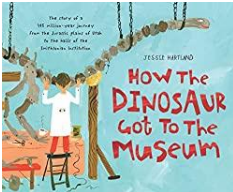


Year 3 – Materials - Rocks

Key Concepts	Learning possibilities	Scientific Enquiry	Prior Learning
<p>Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties</p> <p>Describe in simple terms how fossils are formed when things that have lived are trapped within rock</p>	<p>Observe rocks closely.</p> <ul style="list-style-type: none"> Classify rocks in a range of ways, based on their appearance. Devise a test to investigate the hardness of a range of rocks. Devise a test to investigate how much water different rocks absorb. Observe how rocks change over time e.g. gravestones or old building. Research using secondary sources how fossils are formed. Observe soils closely. Classify soils in a range of ways based on their appearance. Devise a test to investigate the water retention of soils. Observe how soil can be separated through sedimentation. 	  	<ul style="list-style-type: none"> Distinguish between an object and the material from which it is made. (Y1 - Materials) Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. (Y1 - Materials) Describe the simple physical properties of a variety of everyday materials. (Y1 - Materials) Compare and group together a variety of everyday materials on the basis of their simple physical properties. (Y1 - Materials) Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. (Y2 - Materials)
Cultural Capital			
Key Vocabulary		 <p>Mary Anning 1799 - 1847</p> <p>Anning was an English fossil collector, dealer, and palaeontologist who became known around the world for the fossil finds she made.</p>	
<p>Rock</p> <p>Slate</p> <p>Sandstone</p> <p>Granite</p> <p>Chalk</p>	<p>Soil</p> <p>Clay</p> <p>Sand</p> <p>Limestone</p>	<p>Quartz</p> <p>Marble</p> <p>Stone</p> <p>Pebble</p>	<p>Texture</p> <p>Absorbent</p> <p>Characteristics</p> <p>Surface</p>
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