

Year3				
<i>Topic</i>	<i>Prior Learning</i>	<i>Present learning</i>	<i>Misconceptions</i>	<i>Future learning</i>
<p>Rocks and Soil National Curriculum</p> <ul style="list-style-type: none"> Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. Describe in simple terms how fossils are formed when things that have lived are trapped within rock. Recognise that soils are made from rocks and organic matter. 	<ul style="list-style-type: none"> Distinguish between an object and the material from which it is made. (Y1 - Everyday materials) Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. (Y1 - Everyday materials) Describe the simple physical properties of a variety of everyday materials. (Y1 - Everyday materials) Compare and group together a variety of everyday materials on the basis of their simple physical properties. (Y1 - Everyday 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 - Uses of everyday materials) 	<p>Knowledge and Understanding–</p> <ul style="list-style-type: none"> - How are the 3 types of rocks formed -compare and group together different kinds of rocks based on their appearance and simple physical properties -the type of rocks that are used in building England’s famous monuments -what are fossils and how they are formed - why are fossils important - how soil is formed and the profile of soil -the different types of soils in different parts of UK and understand why it is different -the importance of soil <p>Investigations:–</p> <ul style="list-style-type: none"> -identify specific rock using a key -plan a fair test to find out the hardness ,acid test and permeability of rocks -explain why fossil fuels are formed in sedimentary rocks -explain why fossil fuels not good for the environment -plan a fair test to test the permeability of soil - why are worms important to the creation of soil? -how can we use composting to make our own soil? <p>Vocabulary: igneous metamorphic</p>	<p>Some children may think:</p> <ul style="list-style-type: none"> rocks are all hard in nature rock-like, man-made substances such as concrete or brick are rocks materials which have been polished or shaped for use, such as a granite worktop, are not rocks as they are no longer ‘natural’ certain found artefacts, like old bits of pottery or coins, are fossils a fossil is an actual piece of the extinct animal or plant soil and compost are the same thing. 	<ul style="list-style-type: none"> Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. (Y6 - Evolution and inheritance)

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