



Porters Grange Primary School

Science Learning Sequence

Rocks

Nursery/ Reception	<ul style="list-style-type: none"> Children know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur and talk about changes.
Year 1	<ul style="list-style-type: none"> <i>Distinguish between an object and the material from which it is made. (Y1 - Everyday materials)</i> <i>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. (Y1 - Everyday materials)</i> <i>Describe the simple physical properties of a variety of everyday materials. (Y1 - Everyday materials)</i> <i>Compare and group together a variety of everyday materials on the basis of their simple physical properties. (Y1 - Everyday materials)</i>
Year 2	<ul style="list-style-type: none"> <i>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)</i>
Year 3	<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. Vocabulary: Rock, stone, pebble, boulder, grain, crystals, layers, hard, soft, texture, absorb water, soil, fossil, marble, chalk, granite, sandstone, slate, soil, peat, sandy/chalk/clay soil
Year 4	
Year 5	
Year 6	<ul style="list-style-type: none"> <i>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)</i>
Key Stage 3	<ul style="list-style-type: none"> The composition of the Earth. The structure of the Earth. The rock cycle and the formation of igneous, sedimentary and metamorphic rocks.