

**Year 3
Autumn 1
Rocks**

Week	NC objectives	REMEMBER (prior knowledge)	KNOW (new knowledge)
1 2 3 4 5 6	<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 	<p>Distinguish between an object and the material from which it is made. (Y1 - Everyday materials) ☐</p> <p>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. (Y1 - Everyday materials)</p> <p>Describe the simple physical properties of a variety of everyday materials. (Y1 - Everyday materials)</p> <p>Compare and group together a variety of everyday materials on the basis of their simple physical properties. (Y1 - Everyday materials)</p> <p>Identify and compare the suitability of a variety of everyday materials, including</p>	<p>To know the simple properties of rocks and use them to compare them:</p> <ul style="list-style-type: none"> Hard or soft Permeable- Impermeable Durability Density <p>To know the 3 types of rocks that naturally occur- Igneous, sedimentary, metamorphic.</p> <p>To know that fossils are formed when:</p> <ul style="list-style-type: none"> An animal dies and its remains are covered over by sediments which become rock

		wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. (Y2 - Uses of everyday materials)	<ul style="list-style-type: none">• More layers of rock cover it and only the hard parts of the animal remain.e.g. bones• Over thousands of years sediment enters the mould to make a cast of the fossil.
			To know that the soil is the uppermost layer of the earth and is made up of: <ul style="list-style-type: none">• Minerals (broken down rock)• Air• Water• Organic matter
Vocabulary	<u>Prior knowledge vocabulary</u> Rock, volcano, soils, rain, weather, mountains, rivers, oceans		<u>New vocabulary</u> organic matter, fossil, crystal sandstone, granite, marble, pumice absorbent, crumble sedimentary, layer, sediment igneous, magma, lava, gas bubbles (tiny holes/spaces) metamorphic, change, squeeze, pressure