

Central Idea/ Big Idea

How can the Earth's Geography have an impact on Human Settlement?

An inquiry into the properties of rocks and soil and how humans use their knowledge to create settlements

		National Curriculum Objectives		Vocabulary	Lines of Enquiry / Key Question(s): Additional questions				
Science		<p>Animals including humans <small>nutrition, and that they cannot make their own food, they get nutrition</small></p> <ul style="list-style-type: none"> <li>Identify that animals, including humans, need the right types and amount of from what they eat.</li> </ul> <p>Rocks and Soils</p> <ul style="list-style-type: none"> <li>Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties</li> <li>Describe, in simple terms, how fossils are formed when things that have lived are trapped within a rock</li> <li>Recognise that soils are made from rocks and organic matter</li> </ul> <p>Working Scientifically</p> <ul style="list-style-type: none"> <li>Using straightforward scientific evidence to answer questions or to support their findings.</li> <li>Asking relevant questions and using different types of scientific enquiries to answer them.</li> <li>Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.</li> </ul>		<p>Science – silt, peat, chalk, clay, soil, porous, permeable, comparative tests, Refute (support/not support), Secondary bedrock, organic layer.</p> <p><u>Geography</u> - Settlement, home, Earth, soil, river, lake, water, food, physical geography, geology, mountain, valley, slope, hill, develop, construct, introduce, scale, symbol, key, border, route, compass, grid, globe, northeast, southeast, northwest, southwest</p> <p><u>Writing</u> – Paragraph, Heading, Sub heading, clause,</p> <p>Other</p>	<ul style="list-style-type: none"> <li><b>What is a settlement?</b></li> <li><b>Is it possible to change the stability of soil?</b></li> <li><b>How do humans change physical geography over time?</b></li> </ul> <p><b>Conceptual Lens Change</b></p>				
	Geography		<p>Locational Knowledge</p> <ul style="list-style-type: none"> <li>I can name some counties and cities in the UK.</li> <li>I can describe some geographical features of the UK.</li> </ul> <p>Human and physical geography</p> <ul style="list-style-type: none"> <li>I can name some different physical features</li> <li>I can name some different human features</li> </ul> <p>Geographical skills and fieldwork</p> <ul style="list-style-type: none"> <li>I can use simple maps, atlases, globes and digital/computer mapping.</li> <li>I can use simple grid references, basic keys and symbols.</li> <li>I can use some fieldwork techniques (including sketch maps, plans and graphs, and digital technologies) to observe and record geographical features with support.</li> </ul>		<p>Previous Learning</p> <table border="1"> <tr> <td> <p>Science -</p> <ul style="list-style-type: none"> <li>Asking simple questions and recognising that they can be answered in different ways.</li> <li>Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)</li> <li>Identify and compare the suitability of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses</li> </ul> </td> <td> <p>Writing -</p> </td> </tr> </table>		<p>Science -</p> <ul style="list-style-type: none"> <li>Asking simple questions and recognising that they can be answered in different ways.</li> <li>Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)</li> <li>Identify and compare the suitability of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses</li> </ul>	<p>Writing -</p>	<p><u>Key People</u> Derek Walker – Chief Architect for Milton Museum</p> <p><u>Use of ICT</u></p>
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