



## Progression of knowledge science – Evolution and Inheritance (Biology)

<b>Threshold Concepts</b> This concept involves understanding that organisms come into existence, adapt, change and evolve and become extinct.	Year 2	Year 3	Year 6
<p>KS 1</p> <ul style="list-style-type: none"> <li>Identify how humans resemble their parents in many features.</li> </ul> <p>LKS2</p> <ul style="list-style-type: none"> <li>Identify how plants and animals, including humans, resemble their parents in many features.</li> <li>Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.</li> <li>Identify how animals and plants are suited to and adapt to their environment in different ways.</li> </ul> <p>UKS2</p> <ul style="list-style-type: none"> <li>Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.</li> <li>Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.</li> <li>Identify how animals and plants are adapted to suit their environment in different ways and</li> </ul>	LINKS TO ANIMALS AND HUMANS UNIT 2	<ul style="list-style-type: none"> <li>Links to Materials unit 3</li> </ul>	<ul style="list-style-type: none"> <li>State what is meant by the term evolution.</li> <li>State the evolution occurs over a long period of time (for multi cellular organisms)</li> <li>Recall how fossils are formed.</li> <li>Identify why species show variation.</li> <li>Explain how animals and plants are adapted to their environment.</li> <li>Explain what a habitat is.</li> <li>Identify work done by Charles Darwin, Alfred Wallace, Mary Anning and John Edmonstone.</li> <li>State the environment humans evolved in.</li> <li>Explain how geographical location has resulted in the evolution of a spectrum of skin colours.</li> </ul>



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that adaptation may lead to evolution.			
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Progression of skills to KS3 are detailed on evolution and inheritance/ trust science sheets

Links from Reception Development Matters are detailed on the Reception Termly Planning Document