

Science Overview – Animals Including Humans	
Year Five	
Summer 1	
<b>Key Question: Is there anywhere left to explore?</b> <b><u>National Curriculum</u></b> <ul style="list-style-type: none"> <li>describe the changes as humans develop to old age</li> </ul>	
<b><u>SUBSTANTIVE KNOWLEDGE</u></b> <ul style="list-style-type: none"> <li>Name the key stages of the human life cycle from fertilisation to late adulthood.</li> <li>Describe each stage of the human life cycle.</li> <li>Understand the role of reproduction in the life cycle.</li> <li>Understand the effects of puberty on the male and female bodies.</li> </ul>	
<b>Key Vocabulary:</b>	fertilisation, prenatal, gestation, reproduce, asexual reproduction, sexual reproduction, life cycle, adolescence, puberty, menstruation, adulthood, life expectancy
<b>Previous year groups key vocabulary:</b>	digest, oesophagus, stomach, small intestine, large intestine, rectum, herbivore, carnivore, omnivore, producer, predator, prey
<b>Disciplinary Concepts</b>	<ul style="list-style-type: none"> <li>reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and a degree of trust in results, in oral and written forms such as displays and other presentations</li> </ul>
<b>Enquiry type to cover and enquiry suggestion</b>	<p><b>Research using secondary sources (enquiry type)</b> Why do people get grey/ white hair as they get older?</p> <p><b>Pattern seeking (enquiry type)</b> Are the oldest children in our school the tallest?</p>
<b>Learning Milestones /Assessment</b>	<p>I can...</p> <ul style="list-style-type: none"> <li>Explain the features of sexual and asexual reproduction.</li> <li>Name some of the parts involved in plant reproduction.</li> <li>Identify the similarities and differences between mammals, fish, birds, reptiles, amphibians and insects.</li> <li>Describe an animal life cycle in detail.</li> </ul>