






<p><b>Programme of Study Statements</b></p> <ul style="list-style-type: none"> <li>Describe the changes as humans develop to old age.</li> </ul>					<p><b>Key Vocabulary</b></p> <p>Foetus, Embryo, Womb, Gestation, Baby, Toddler, Teenager, Elderly, Growth, Development, Puberty, Hormone, Physical, Emotional,</p>
<p><b>Investigations and Skills for thinking like a Scientist</b></p> <div style="display: flex; justify-content: space-around; align-items: center;">      </div>					<p><b>Sticky Knowledge:</b></p> <p>Different animals mature at different rates and live to different ages.</p> <ul style="list-style-type: none"> <li>Puberty is something we all go through, a process which prepares our bodies</li> <li>Hormones control these changes, which can be physical and/or emotional.</li> </ul>
<p><b><u>Comparative Tests</u></b></p> <p>How does age affect a human's reaction time? Who grows the fastest, girls or boys?</p>	<p><b><u>Identify &amp; Classify</u></b></p> <p>Can you identify all the stages in the human life cycle?</p>	<p><b><u>Observation over time</u></b></p> <p>How do different animal embryos change?</p>	<p><b><u>Pattern seeking</u></b></p> <p>Is there a relationship between a mammal's size and its gestation period?</p>	<p><b><u>Research</u></b></p> <p>Why do people get grey/white hair when they get older?</p>	<p><b>Prior Knowledge:</b></p> <ul style="list-style-type: none"> <li>Notice that animals, including humans, have offspring which grow into adults. (Y2 - Animals, including humans)</li> </ul>
<p><b>Potential Evidence to support our Scientists (I can.):</b></p> <ul style="list-style-type: none"> <li>Can explain the changes that takes place in boys and girls during puberty</li> <li>Can explain how a baby changes physically as it grows, and also what it is able to do</li> <li>This needs to be taught alongside PSHE. The new statutory requirements for relationships and health education can be found below:</li> <li><a href="#">statutory guidance on Physical health and mental wellbeing (primary and secondary)</a>.</li> </ul> <p><b>Big Question:</b> Why and how does the human body change over time?</p>					<p><b>Future Knowledge:</b></p> <ul style="list-style-type: none"> <li>Reproduction in humans (as an example of a mammal), including the structure and function of the male and female reproductive systems, menstrual cycle (without details of hormones), gametes, fertilisation, gestation and birth, to include the effect of maternal lifestyle on the foetus through the placenta. (KS3)</li> </ul>

<b>Cultural Capital</b>		
<b>Visits and visitors</b> We the Curious (Bristol) Visit from the school nurse Betty Bus materials	<b>Experiences and events</b> Betty Bus online materials.	<b>Key texts</b>  <i>Hair in Funny Places</i> (Babette Cole) <b>Giant</b> (Kate Scott) <b>You're Only Old Once!</b> (Dr. Seuss)
<b>Community events and links</b>  Take part in the Wickwar Fun Run	<b>Global issues</b> Period poverty	<b>Famous people/ Key Scientists</b>  <b>Dr Steve Jones</b> (Geneticist) Prof Robert Winston (Human Scientist)
<b>Life Skills</b> Curiosity Resilience Making Links	<b>Key places</b>	