



















Knowledge Organiser		
Science	Year 5	Animals including humans

Human Gestation Period (9 months)	Human Young (0-3years)
<p>The gestation period is when the foetus develops inside the female. It is different in all mammals.</p>  <p>Some animals give birth to 1 baby – the North American Opossum has between 16 and 20! Humans - 9 months Elephants – 23 months Basking shark – 42 months North American Opossum - 12 days</p>	<p>Young mammals (babies) are dependent - they:</p> <ul style="list-style-type: none"> • need milk • have poor muscle control • need lots of sleep • cannot control toileting <p>Puppies are born with their eyes closed. Human babies see light and dark. Toddlers begin walking between 1-2 years.</p>

Human Youngsters (4-11 years)	Human Adults (21-100 years)
<p>Human and other mammal youngsters walk independently, eat independently and toilet independently. They begin to learn new skills.</p> 	<p>Adults are fully grown. A dog reaches adulthood at about 2 years. Adults reproduce so the whole cycle starts again</p> <div style="display: flex; justify-content: space-around;">   </div> <p style="text-align: center;">Middle Age Old Age</p>

Human Adolescents/Young Adults (12-21 years)			
<p>During puberty, hormones cause physical, mental and emotional changes. Some are the same for boys and girls:</p> <ul style="list-style-type: none"> • Hair on armpits and groin. • Greasy skin/spots • Mood swings 			
Shoulders broaden More muscly Hair on legs, chest and face Penis and scrotum develops Voice breaks		Hips broaden Breasts develop Menstruation starts (periods)	

Key Vocabulary			
 offspring	a child or young animal	 pregnant	when an animal contains a foetus within the body
 foetus	the term for an unborn offspring still within the female mammal's body	 toddler	the name of the stage given to a young child when they start to walk
 dependent	an offspring needing others to look after it	 prenatal	the stage before birth when the foetus is developing in the womb
 adolescent	a mammal's young adult offspring	 breeding	mating and producing offspring
 puberty	the period of life when a human's sexual organs mature	 embryo	the name of the unborn offspring in the first few weeks of development
 gestation	the period of time an animal is pregnant for	 hormones	chemical messengers produced by the body

