



Year 5: Science – Animals including humans

Subject Specific Vocabulary		Working Scientifically	Sticky Knowledge about Animals including humans
Adolescence	The period of transition between childhood and adulthood.	<div><input type="checkbox"/> Understand what my affect normal growth in babies, eg, diet, care, genetic, illness.</div> <div><input type="checkbox"/> Use data base to record statistics on the growth of babies in terms of weight and height.</div> <div><input type="checkbox"/> Identify and explain the changes that take place in humans during puberty.</div> <div><input type="checkbox"/> Understand and explain the physical changes that happen during old age.</div> <div><input type="checkbox"/> Compare and reach informed conclusions of different mammals, including humans.</div> <div><input type="checkbox"/> Compare are reach informed conclusions about the gestation periods of different mammals, including humans.</div> <div></div> <div></div>	<div>In old age:</div> <div><ul style="list-style-type: none">- Muscle mass decreases and muscles lose strength.- Wrinkles develop on the skin and it loses its elasticity.- Hair begins to turn grey/white. Many people begin to lose hair on their heads (mainly men)- Fertility decreases (more quickly for women)- People begin to shrink in height as bones and cartilage become worn down.- Organs begin to lose their effectiveness, and the senses e.g. sight and hearing, become weaker.</div>
Fertility	The ability to produce offspring.		<div>In puberty (girls):</div> <div><ul style="list-style-type: none">- Grow taller. They develop breasts and their hip bones widen. The body becomes curvier.- Hair begins to grow on their bodies, including armpit and pubic hair.</div>
Gestation period	The period of time a mammal carries her babies, or offspring, inside her body before giving birth.		<div>In puberty (boys):</div> <div><ul style="list-style-type: none">- Grow taller. They develop more muscle mass, and their chest and shoulders broaden.- Voices become deeper. Their skin becomes oilier, meaning they may get spots.- Hair begins to grow on their faces and bodies, including armpit and pubic hair.</div>
Life expectancy	The average number of years an animal is expected to live,		<div>- Life expectancy refers to the number of years an animal, including humans can expect to live.</div>
Menstruation	As a girl develops into a woman, her body changes so she can have a baby when she grows up*		<div>The gestation period is the time a mammal carries her offspring inside her body before giving birth.</div>
Puberty	Puberty is when a child's body begins to grow, change and develop as they become an adult.		
Testicles	Male mammals, including men, have two testicles, supported in as sack of skin below the penis called the scrotum.		
Uterus (Womb)	The uterus is where a baby develops until it's birth.		

