










## Cunningham Hill Junior School - Science Knowledge Organiser - Year 5 - Animals Including Humans

Key Vocabulary:		Reaching Old Age:							
<b>fertilisation</b>	The process of male and female sex cells fusing together.		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 the 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, hearing, etc.) become weaker.	
<b>prenatal</b>	The stage of development from the time of fertilisation to the time of birth.								
<b>gestation</b>	The process or time when prenatal development takes place before birth.								
<b>reproduce</b>	To produce young.	<b>Puberty:</b>							
<b>asexual reproduction</b>	A process where one parent produces new life.	Puberty is when a child's body begins to grow, change and develop as they become an adult. In humans, puberty normally begins around age 11-12, however it can take place anytime from age 8-14. Puberty happens when the pituitary glands begin to release hormones.							
<b>sexual reproduction</b>	A process where two parents - one male and one female - are required to produce new life.	<b>Males:</b>				<b>Females:</b>			
<b>life cycle</b>	The changes a living thing goes through, including reproduction.	-Boys grow taller. They develop more muscle mass, and their chest and shoulders broaden.				-Girls grow taller. They develop breasts, and their hip bones widen. The body becomes curvier.			
<b>new born</b>	Recently or just born.	-Boys' voices become deeper. Their skin becomes oilier, meaning they may get spots.				-Boys' voices become deeper. Their skin becomes oilier, meaning they may get spots.			
<b>Infant</b>	A very young child or baby.	-Hair begins to grow on their faces and bodies, including armpit and pubic hair.				-Hair begins to grow on their bodies, including armpit and pubic hair.			
<b>Puberty</b>	The period during which adolescents reach sexual maturity and become capable of reproduction.	<b>Humans</b> 	<b>House Mice</b> 	<b>African Elephants</b> 	<b>Saltwater Crocodiles</b> 	<b>Blue Whales</b> 			
<b>Adult</b>	A person who is fully grown or developed.	<ul style="list-style-type: none"> <li>Gestation Period: 9 months</li> <li>Sexual Maturity: 11-17 years</li> <li>Life Expectancy: 80 years</li> </ul>	<ul style="list-style-type: none"> <li>Gestation Period: 20 days</li> <li>Sexual Maturity: 4-6 weeks</li> <li>Life Expectancy: 1 year</li> </ul>	<ul style="list-style-type: none"> <li>Gestation Period: 22 months</li> <li>Sexual Maturity: 10-12 years</li> <li>Life Expectancy: 60 years</li> </ul>	<ul style="list-style-type: none"> <li>Gestation Period: 2-3 months</li> <li>Sexual Maturity: 10-12 years</li> <li>Life Expectancy: 70 years</li> </ul>	<ul style="list-style-type: none"> <li>Gestation Period: 10-12 months</li> <li>Sexual Maturity: 10 years</li> <li>Life Expectancy: 90 years</li> </ul>			
<b>wrinkles</b>	A slight line or fold in the skin of the face.								
<b>Child</b>	A young human being below the age of puberty								
<b>Teenage / Adolescent</b>	A person aged between 13 and 19 years.								

**Scientist Study:**



Jane Goodall showed that chimps have individual personalities and experience emotions when she was the first human to be accepted into a chimpanzee community.

