


Key vocabulary	
<b>puberty</b>	The time when your body begins to develop and change as you become an adult.
<b>reproduction</b>	The process where a living thing creates another organism like itself. In humans, a cell from the male fertilises an egg from the female to make a baby.
<b>sperm</b>	Single cells produced by male animals.
<b>egg</b>	A cell that is produced in the body of female animals.
<b>foetus</b>	An animal or human being in its later stages of development before it is born.
<b>gestation</b>	The length of time a mammal carries her offspring inside her body before giving birth.
<b>life expectancy</b>	The length of time that an animal is normally likely to live.

Mammal	Gestation period in days
Cat	63
Chimpanzee	240
Lion	108
Human	266
Rabbit	31
Squirrel	44
African elephant	650
Whale	360
Horse	336
Polar bear	241
Giraffe	435
Mouse	21
Rhinoceros	480
Hamster	16
Dog	61
Camel	400

**Sticky Knowledge:**  
the gestation period of different animals.  
Larger animals usually have longer gestation than smaller animals.

# Animals including humans Year 5

This topic is taught alongside PSHE with careful consideration of the school's Relationship and Health Education Policy.

Significant scientist	
<b>Rufaida Al-Aslamia</b> <i>(born 620AD)</i> 	Rufaida Al-Aslamia is recognised as the first female Muslim nurse and the first female surgeon in Islam who lived and practised in Medina at the time of Prophet PBUH. She trained other women and contributed to modern day gynaecology.

## Puberty

- Usually begins between the ages of 8-14 and the process can take up to 4 years.
- During puberty the bodies of boys and girls begin to change physically.
- Boys and girls can experience some mood changes during puberty.

<b>Changes for girls</b>	<ul style="list-style-type: none"> <li>- Changes in hormones and body hair cause increased sweat/body odour</li> <li>- Changes in hormones can cause changes to the skin (e.g. greasy, spots)</li> <li>- Menstrual cycle begins</li> </ul>
<b>Changes for boys</b>	<ul style="list-style-type: none"> <li>- Changes in hormones and body hair cause increased sweat/body odour</li> <li>- Changes in hormones can cause changes to the skin (e.g. greasy, spots)</li> <li>- develop a deeper voice</li> </ul>

Sticky Knowledge:

pregnant - foetus



baby



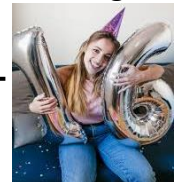
toddler



child



teenager



adult



Humans go through a variety of changes as we grow and develop from birth through to old age.

old age

