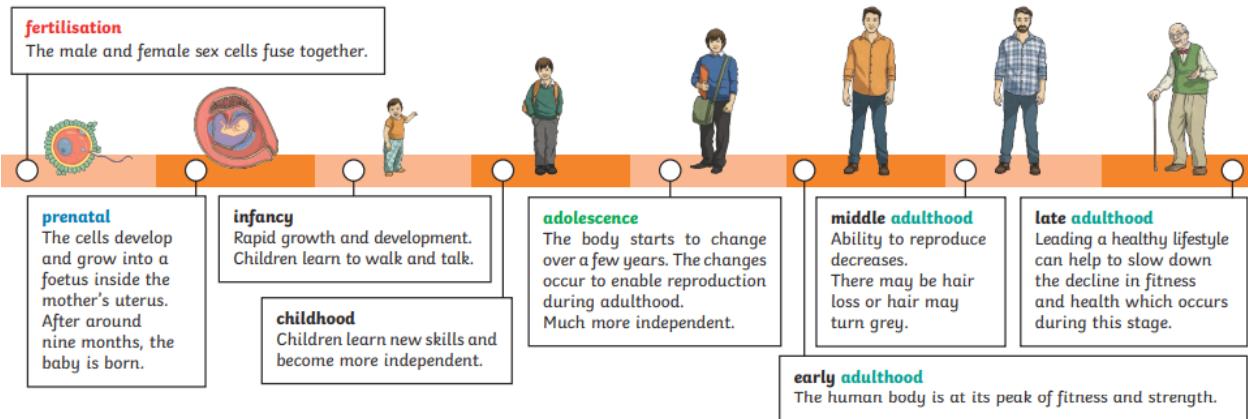


Animals including Humans | Class 4

Vocabulary

fertilisation		The process of the male and female sex cells fusing together.
prenatal		The stage of development from the time of fertilisation to the time of birth.
gestation		The process or time when prenatal development takes place before birth.
reproduce		To produce young.
lifecycle		The changes a living thing goes through, including reproduction.
adolescence		The social and emotional stage of development between childhood and adulthood
puberty		The physical stage of development between childhood and adulthood.
menstruation		When the female body discharges the lining of the uterus. This happens approximately once a month.
adulthood		The stage of development when a human is fully grown and mature.
life expectancy		The length of time, on average, that a particular animal is expected to live.
asexual reproduction		A process where one parent produces new life
sexual reproduction		A process where two parents – one male and one female – are required to produce new life



Puberty

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.

Males

-Boys grow taller. They develop more muscle mass, and their chest and shoulders broaden.

-Boys' 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.

Females

-Girls grow taller. They develop breasts, and their hip bones widen. The body becomes curvier.

-Their skin becomes oilier, meaning they may get spots.

-Hair begins to grow on their bodies, including armpit and pubic hair.

-Menstruation begins. Girls begin to have periods, and their uterus (womb) begins to grow.

Growth and Development of Animals

Rat	Gestation Period: 23 days	Life Expectancy 2 – 4 years
		
African Elephant	Gestation Period: 22 months	Life Expectancy 60 - 70 years
		
Human	Gestation Period: 9 months	Life Expectancy 68 – 73 years
Killer Whale	Gestation Period: 17 months	Life Expectancy 60 - 90 years
		
Blue Whale	Gestation Period: 10-12 months	Life Expectancy 90-100 years
		