



Animals, including humans

What should I already know?

- Notice that animals, including humans, have offspring which grow into adults.
- Recognise that living things can be grouped in a variety of ways.

Key vocabulary I need to know

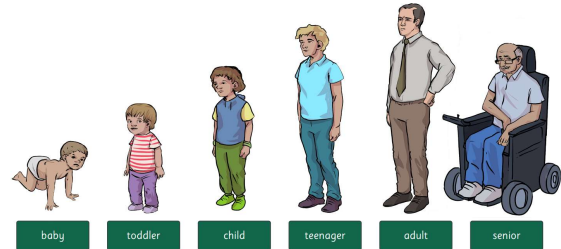
egg	A single female cell that can develop into an embryo when fertilised.
embryo	An unborn offspring in the process of development in the womb (for a human).
fertilisation	In sexual reproduction, a male gamete and a female gamete join together. This is fertilisation.
foetus	A baby that has not been born yet that is still in its mother's womb.
gestation	The process and period of time taken for a foetus to develop inside the womb between conception and birth.
life cycle	The series of changes in the life of organisms.
puberty	The stage at which a human reaches sexual maturity and becomes capable of reproduction.
reproduction	The creation of offspring through sexual or asexual reproduction.
sexual	The production of new living beings by combining genetic information from two individuals of different types (sexes).
sperm	Tiny tadpole shaped cells needed to fertilise a human egg.
umbilical cord	This connects the foetus to its mother and provides oxygen and nutrients to help the foetus grow and develop.
womb	The organ inside a female body where the foetus grows.

Key Facts

- The average length of a full-term new born baby is 49 to 50.8 centimetres, measured from the top of the head to the heel.
- The average birth weight of a new born baby is about 7.5 pounds.
- Professor Robert Winston is a renowned scientist, medical doctor and television presenter known for his work on human fertility.

What I will know by the end of the term

- The six stages of the human life cycle are: baby, toddler, child, teenage, adult, senior.



- In order to create a baby, two parents are needed (a male and a female). A male sex cell (sperm) fertilises the female sex cell (egg). This begins the growth of the foetus.
- The fertilised egg develops and grows in its mother's womb.



- It takes 40 weeks for the foetus to fully develop in the womb.
- People are classed as senior when they are over 60 years old.
- As we get older, our bodies do not work as well as they used to. The cells in our body become weaker which makes it more difficult to fight off illnesses and recover from injuries.
- Our bones and muscles can become weaker which can make it more difficult to do our daily activities.