

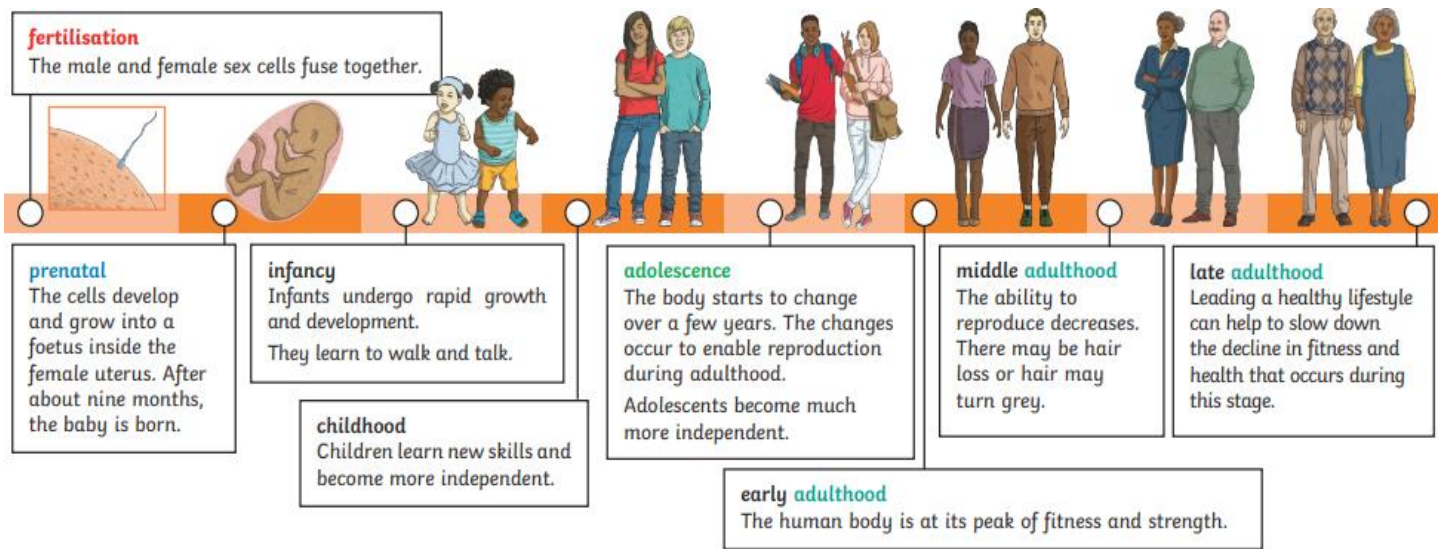
Previous knowledge: What should I already know?

Key knowledge: What I should know by the end of the unit?

- Identify that animals, including humans need the right types and amount of nutrition in order to develop.
- Understand the simple functions of the basic parts of the human digestive system and the skeletal system.
- Work scientifically by grouping animals based on similar parts of their body or their diets.

- Identify the different stages in the human life cycle.
- Know the ages that apply to each of the stages and identify common features and changes that occur at each stage.
- Learn about the changes experienced in puberty.
- Understand that different animals have different gestation periods.
- Find out about the length and mass of a baby as it develops.

The human life cycle

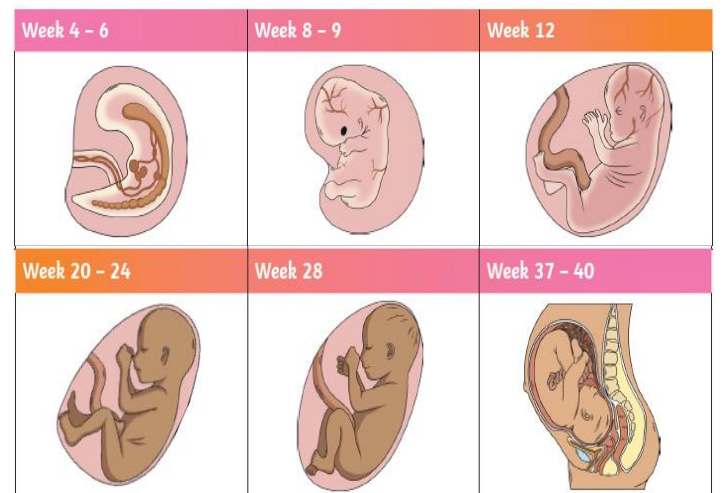


Key vocabulary

- birth** – when the life of an offspring starts as a physically separate being from its' mother.
- death** – when the life cycle ends.
- develop** – to grow and become more mature or advanced.
- egg** – the female sex cell.
- fertilisation** – when the egg cell and the sperm cell meet to begin the development of a foetus.
- foetus** – a baby that is still developing in the womb.
- gestation** – the process or time when development takes place before birth.
- life cycle** – the changes a living things goes through, including reproduction.
- puberty** – a time in the human life cycle when the body goes through changes to become an adult.
- sperm** – the male sex cell.
- womb** - an organ inside the mother where the foetus grows and develops.

Development of a baby

Before a baby is born it is called a foetus. Human foetuses develop in their mother's womb for 40 weeks (approximately 9 months). During this time – known as the gestation period - the major organs and systems of the body grow.



Babies in the womb depend on their mother for nutrition and oxygen which is passed from the mother's body, through the placenta to the baby.

Animals including humans - End of unit quiz

1. What are the 6 stages of the human life cycle?

2. When the foetus is developing in the womb, what is the purpose of the umbilical cord?

3. True or false?

All old people need walking sticks .	
If you look after your teeth , you can keep them through your senior years .	
Some old people may need support with everyday activities .	
Everyone ages in the same way.	

4. Which of these happen during puberty? Circle all of the correct answers.

Hair grows under arms.	Hair changes colour.	Boys grow facial hair.
You can get spots or acne.	You are happy all the time.	

5. During puberty you sweat more. If this mixes with bacteria on the skin it can produce body odour (B.O.). What can you do to help prevent this?

4. Name three things that happen during the toddler stage of development.
