

What should I already know?

- Animals can be grouped into vertebrates and invertebrates. They can also be further grouped into fish, reptiles, amphibians, birds and mammals.
- Some examples of life cycles.
- How to have a healthy lifestyle.

What will I know by the end of the unit?

- What are the main stages of the human life cycle?
- **Foetus** – an unborn human being in the early stages of development.
 - **Newborn** – this is a baby that has just been born.
 - **Infancy** – this is a period of rapid change. Many toddlers learn to walk and talk at this stage.
 - **Childhood** – children learn new things as they grow. They become more independent.
 - **Adolescence** – when the body starts to change and prepare itself for adulthood. Hormonal changes take place over a few years. This is known as puberty.
 - **Early adulthood** – when humans are often at their fittest and strongest.
 - **Middle adulthood** – changes such as hair loss may happen. There are also some hormonal changes and the ability to reproduce decreases.
 - **Late adulthood** – there is a decrease in fitness and strength.

- What is puberty?
- **Puberty** is the **change** that happens in late childhood and adolescence, where the body starts to change because of **hormones**.
 - Some **changes** include: growth in height, more sweat, hair growth on arms, legs, under the armpit and on genitals and growth in parts of the body such as breasts.
 - Females begin to menstruate.

Vocabulary

adolescence	the period of your life where you develop from a child to an adult
adulthood	the state of being an adult
development	the gradual growth of something
elderly	an older person
foetus	an animal or human in the womb
gestation	the process in which babies grow inside their mother's womb before they are born
growth	an increase in something
hormones	chemicals produced by the body
infancy	the period of life from being a baby until being a toddler
life cycle	the series of changes from the beginning of life until death
mature	when a child becomes an adult
offspring	a person's children
organ	a part of your body that has a particular purpose
puberty	the stage in somebody's life where their body starts to physically mature
reproduction	when an animal produces young
teenager	when you are between the ages of 13 and 19 years old
toddler	a young child who has just learned to walk
vertebrate	a creature which has a spine
womb	where a baby develops before it is born

Data Handling

Record the gestation period of different mammals and record the results using a table. Present the findings using an appropriate graphical method.

