



Animals including Humans Year 5

Knowing More, Remembering More

Remembering previous learning

- Which animal group gives birth to live young? Mammals
- Which animal groups lay eggs? Reptiles, amphibians, birds and most insects.
- What are the stages of a human life cycle? Baby, child, teenager, adult.
- What are the stages of mammals' life cycles? Baby, adolescent, adult.
- What do mammals eat when they are babies? Milk

In this unit children will:

- Describe the changes as humans develop from birth to old age.

Working Scientifically:

- 5.3 Make predictions based on scientific knowledge.
- 5.5 With support, plan different types of scientific enquiry. Where appropriate, identify the dependent, independent and controlled variables.
- 5.9 Record data using scientific diagrams and labels, classification keys, tables, bar and line graphs.
- 5.10 Report and present findings from enquiries, including conclusions.
- 5.12 Use scientific evidence to answer questions.
- 5.13 Make conclusions based on scientific evidence and from their own testing and findings.

Key Learning Steps:

1. The human life cycle
2. Babies and children
3. (Deferred to Y6 in line with the RSHE policy)
4. Adults and the elderly
5. Gestation of mammals and their development periods and life span

Vocabulary:

- adolescent
- baby
- foetus
- elderly adult
- adult
- life cycle
- milestone
- baby
- toddler
- child
- womb
- reproduce
- life expectancy
- womb
- gestation
- mammal
- offspring
- correlation
- anomaly

Key Scientists:



Classic

James Watson (1928 -)

Co-founder of the molecular structure of DNA.



Contemporary

Robert Winston

Contemporary scientist and TV presenter.

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Knowing more in Y5

- What are the six stages of the human life cycle? Foetus, baby, child, adolescent, adult and elderly adult.
- Why does a baby depend on an adult? Babies are dependent on adults for food, warmth and comfort.
- Do all babies hit milestones at the same age? Most babies and toddlers hit certain milestones in their first two years of life, such as crawling and walking.
- How quickly do children grow and develop? Throughout childhood, children grow and develop at a rapid rate in terms of their mass, height and brain development.
- At what age do children become adults? Aged 18.
- How does growth change when a human reaches adulthood? It slows down and their body is fully developed.
- At what age do adults become elderly adults? Approximately 65.
- What happens to the human body with age? Skin loses elasticity, resulting in wrinkles, bones may become weaker and height may decrease.
- Are humans mammals? Yes, they are warm-blooded, give birth to live young and feed their offspring on milk.
- What is gestation? The amount of time a foetus develops in its mother's womb.
- How long is the gestation period of a human? Approximately 9 months.