

## What I should already know:

- 1 The different types of teeth in humans and their simple functions.
- 2 That humans need the right types and amount of nutrition and that they get nutrition from what they eat.

## What I will learn:

- 1 The stages of human development
- The difference between puberty and adolescence
- 2 The milestones of a baby to a child
- 3 Changes in old age and some of the difficulties faced
- 4 The average life expectancy of humans

## Key Vocabulary:

1	adolescence	the time in a young person's life when physical and emotional changes leading to adulthood are happening
2	adolescent	a young person in the process of developing from a child into an adult (teenager)
3	adult	a person who is fully grown
4	arthritis	a disease that causes joints to become swollen and painful
5	gestation period	the amount of time that a baby spends inside its mother's womb before it is born
6	life expectancy	how many years humans are expected to live. This changes and has lengthened over time
7	menstruation	a monthly cycle in women. Each month an egg is released and if it is not fertilised by a sperm, the female has her period
8	pregnant	the condition of a female animal when there is a baby growing inside her womb
9	puberty	the first part of adolescence, when physical changes begin to happen to the body
10	teenager	a person aged between 13 and 19 years old

## Working scientifically skills:

- 1 Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations.
- 2 Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.
- 3 Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.

## Scientists/Inventors:

<b>Virginia Apgar</b>	Doctor & Medical Researcher who developed a method of evaluating the well-being of new-born babies
<b>Robert Winston</b>	Professor of Science and Society, Emeritus Professor of Fertility Studies & TV presenter

## Human Lifecycle

There are six stages in the human lifecycle:

1. **Foetus** - At this time, a baby is growing inside its mum's womb.
2. **Baby** - A baby is born after spending nine months inside the womb.
3. **Childhood** - At this stage, you learn to walk and talk.
4. **Adolescence**- The stage between childhood and adulthood when children become teenagers. Here, bodies develop during **puberty**.
5. **Adulthood**- Your body is fully developed and this is the stage where some women may have babies.
6. **Old age** - The last stage in the lifecycle of a human.

