## Growing Up and Growing Old | Year 5 Science

## 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.

## 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.

### What I will learn:

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

#### **Scientists/Inventors:**

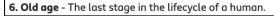
Virginia Apgar	Doctor & Medical Researcher who developed a method of evaluating the well-being of new-born babies
Robert	Professor of Science and Society,
Winston	Emeritus Professor of Fertility Studies

& 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.





All humans go through the same lifecycle. They are small at the start of their life. Over time they grow bigger and their bodies change. When they are grown up, they might have children of their

Julililei Z		
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

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