

The Knowledge

Supporting the National Curriculum



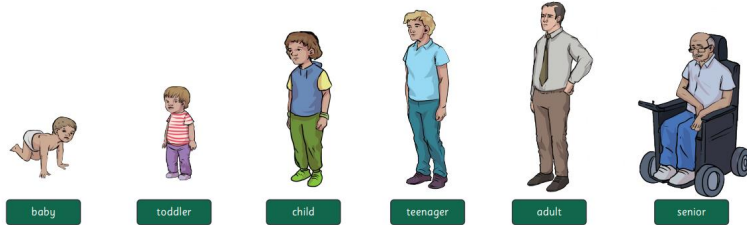
Knowing More Remembering More Learning More

Animals Including Humans

ARDLEIGH GREEN
JUNIOR SCHOOL

Year 5
Science

Human Life Cycle



Baby

- cannot walk
- cannot talk
- cannot control bladder
- mostly drink milk

Toddler

- start to talk
- start to crawl
- start to walk
- begin to explore the world around

Child

- grow and learn
- start school
- learn new skills
- lose their “baby” teeth

Teenager

- go through lots of changes
- bodies change
- spots may develop
- puberty

Adult

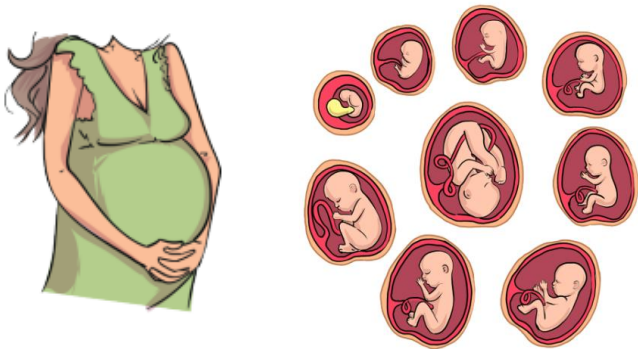
- finished growing
- responsibilities
- can still learn

Senior

- fitness levels decline
- may struggle with everyday activities
- may grow grey hair
- final stage of the human life cycle

In The Womb

Women have a special organ called a **womb** which they grow the **foetus** in until the baby is ready to be born. Human babies develop for **9 months** in the womb.



Key Vocabulary

Birth - when your life starts as a **physically** separate being

Death - when the **life cycle ends**

Develop - to **grow**, to become more **mature** or advanced

Foetus - a **baby** that is still developing in the **womb**

Puberty - a time in the human life cycle when the body goes through changes to become an adult

Offspring – a **child** or young animal

Dependent – offspring needing others to **look after** it

Puberty

Puberty is a time in our lives when our **bodies change** from a **child** into an **adult**. This time happens during our **teenage** years.

- You may **sweat** more. When sweat mixes with bacteria on your skin, it can smell or cause **bad odour (BO)**. It is important to wash regularly.
- You may develop **spots** on your face, neck, back or chest. Some people develop lots of spots and some hardly any. It is completely normal.
- **Hair grows** in new places such as under your armpits. Boys also grow facial hair like beards and moustaches.
- Puberty can be a very **emotional time** due to the changes in hormones in your body. We may feel more upset or angry than usual. It is important to talk about these emotions with someone you trust.



Test Yourself

- What are the key stages of a human’s life cycle?
- What do babies need to grow?
- Why do animals have different gestation periods?
- How does a foetus develop?
- What is the hand span of differently aged children?
- What changes happen during puberty?
- What changes do humans experience in old age?