

Reproduction in Animals and Humans

Development stages of a human

The five **stages** of a human life are: **infancy, childhood, adolescence, adulthood and old age.**

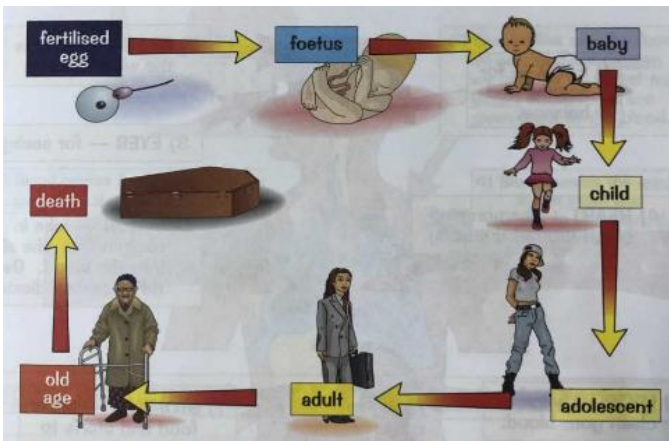
Stage 1 Baby

Babies drink milk after they are born. They usually start eating solids when their **teeth start to appear at about 6 months.**

Many can **crawl by 9 months and begin to walk after they are 1.** All babies are different and develop at different times.

Stage 2 – Child

A child will begin running, talking and learning to read, write and count. They are developing skills as well as developing **socially, emotionally, physically and psychologically.**



Stage 3 Adolescent

During the ages of 9 to 19, humans become more independent, begin **puberty**, ready for **reproduction** and become ready for **adulthood.**

Stage 4 Adult

The human body is at its **physical peak of fitness and strength** and are able to be completely independent. **This is when most humans reproduce.**

Stage 5 – Old Age/Elderly

As a human becomes elderly the body **declines in fitness and health from 60 years onwards** and there is an increased dependence on others to look after them as time goes on. **The life cycle ends when a human dies.**

Puberty

Puberty is when the body develops and happens during **adolescence.** This usually happens between the **ages of 10 and 18 years old.** During puberty the **bodies of boys and girls begin to change.**

Girls

Changes during puberty.

- Hair starts to grow on their bodies.
- Breasts develop and hips widen.
- Ovaries start to release an egg once a month. This is when periods begin.

Boy

Changes during puberty.

- Hair starts to grow on their bodies.
- Hair also starts to grow on their faces.
- Voice starts to change, becoming deeper.
- Testicles start producing sperm.

Human & Animal Reproduction

Animals and humans don't just appear, they have to be made and then born. It happens by a process called **sexual reproduction.**

In humans, life begins as a single cell in the female body. **Sexual reproduction** is when an egg cell from a woman is **fertilised** by a **sperm cell** from a man. The **fertilised egg** grows into an **embryo** which develops into a baby. A fertilised egg is implanted in the **uterus** and grows into the unborn baby.

