



Year 5 - Human Life Cycle and Reproduction

Biology

Key vocabulary

adolescence	The time in a young person's life between childhood and adulthood.
cell	Every organism, or living thing, is made up of structures called cells. A cell is the smallest unit with the basic properties of life.
egg	A single female reproductive cell.
fertilisation	What happens when a female's egg joins together with a male's sperm.
foetus	An animal or human being in its later stages of development before it is born.
gamete	The male or female reproductive cell, that is an egg or sperm cell.
gestation	The length of time a mammal carries her offspring inside her body before giving birth.
metamorphosis	a process some animals go through to become adults. It is a series of physical changes.
sexual reproduction	The process where a living thing creates another organism like itself. In humans, a sperm cell from a male fertilises an egg from a female to produce a baby.
sperm	A single male reproductive cell.
testes	an organ on a male which produces sperm

Puberty

Usually being between ages of 8 - 14 and the process can take up to 4 years.
During puberty the bodies of boys and girls begin to change physically. Boys and girls can both experience mood changes too.

Changes for Girls

- Hair starts to grow on their bodies
- Breasts develop
- Hips Widen
- Menstruation (periods) start.

Changes for Boys

- Hair starts to grow on their bodies
- Hair starts to grow on their faces
- Develop a deeper voice
- Testes start to produce sperm

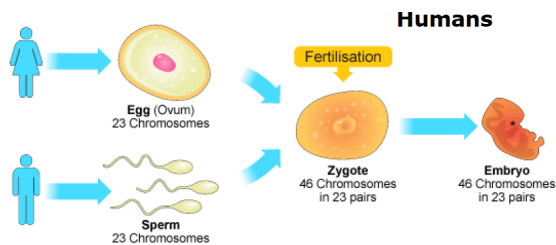
Gestation Period for Humans

Gestation periods are how long it takes for a mammal to grow a foetus to fully develop before it is born. For humans this last around 40 weeks (9 months).

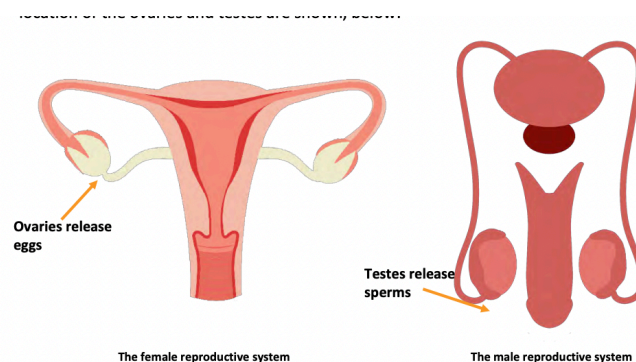


Sexual Reproduction

Humans



Human Reproductive Systems



The Menstrual Cycle

This normally lasts around 28 days and begins in females during puberty.

