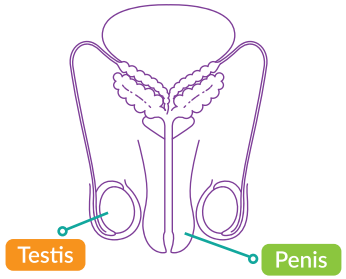
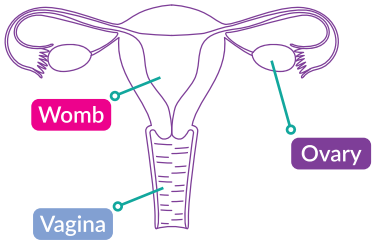
REPRODUCTION

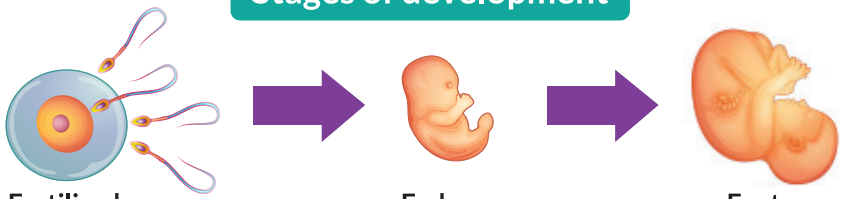
Reproduction in Animals

Gender	Male	Female
Reproductive System Parts		
Function	**Testes** Produces sperms	**Ovaries** Produces eggs **Womb** Where the fertilised egg develops
Reproductive Cell	Sperm	Egg

Fertilisation

Male reproductive cell (sperm) fuses with female reproductive cell (egg)

Stages of development

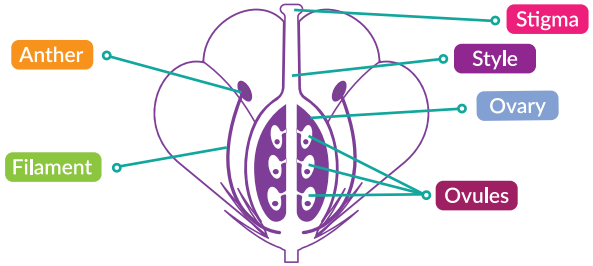


Time: 9 months / 38 weeks

Reproduction in Plants

Plant Type	Flowering	Non Flowering
Reproduction Method	Seeds	Usually Spores

Parts of a flower

Gender	Male	Female
Reproductive System Parts		
Function	**Anther** Produces pollen grains **Filament** Supports the anther	**Stigma** Allows pollen grains to stick **Style** Connects the stigma to the ovary **Ovary** Produces ovules
Reproductive Cell	Pollen grain	Ovule

Pollination

Pollen grain transferred from the anther to the stigma

Insect-pollinated
- Brightly coloured flowers
- Sweet scents

Wind-pollinated
- Dull flowers
- No scent
- Feathery stigma

Fertilisation

Male reproductive cell (pollen grain) fuses with female reproductive cell (ovule)

- Ovary becomes fruit
- Ovule becomes seed

Seed dispersal

Seeds are scattered away from parent plant to reduce overcrowding

Wind
- Wing-like structures

Water
- Thick fibrous husks

Animals
- Juicy, fleshy fruits with indigestible seeds
- Hook-like structures

Splitting / explosive action
- Hard, dry fruit pods with multiple seeds

Germination

A seed develops into a seedling

Conditions
- Warmth
- Oxygen
- Water

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