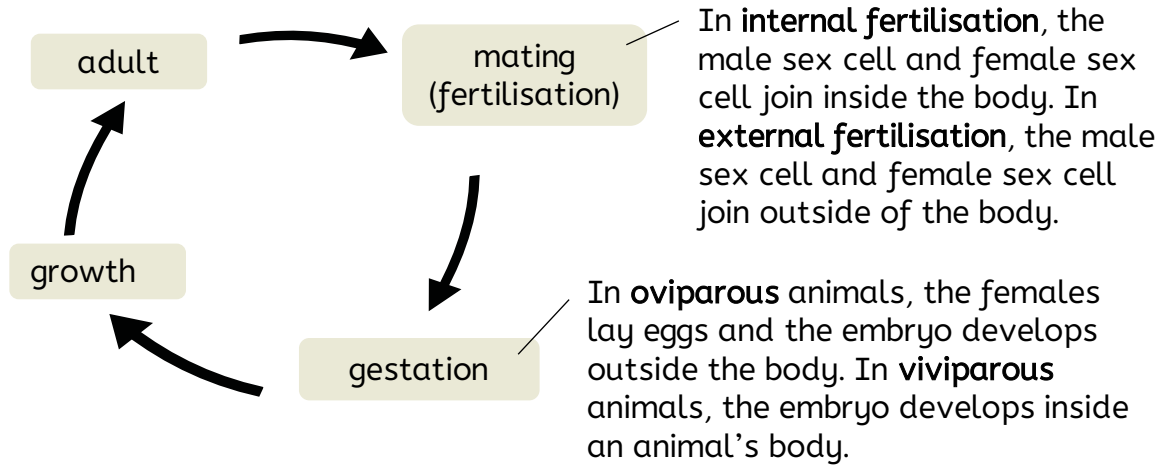


# Life cycles

## An animal's life cycle



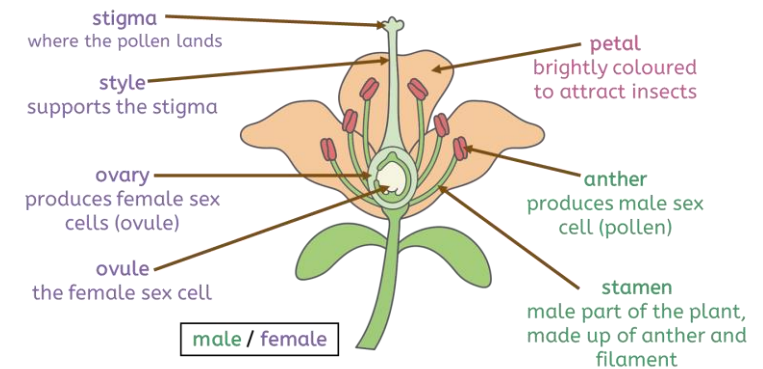
## Key vocabulary

- **asexual reproduction** (noun): When the offspring (the young) gets its genome from only 1 parent. The young will have the same genome as that parent (they are genetically identical).
- **cell** (noun): the smallest building block of all living things
- **embryo** (noun): the first stage of development after fertilisation
- **genome** (noun): the information that controls how an individual organism will develop.
- **gestation** (noun): the period of time between fertilisation and birth.
- **metamorphosis/metamorphose** (noun/verb): the process where the young of some animals go through physical changes to turn into the adult form.
- **sexual reproduction** (noun): When the offspring (the young) gets their genome from both parents.

## What is a life cycle?

- A **life cycle** is the series of changes that plants and animals go through during their lifetime.
- Animals and plants all **grow, develop** and **reproduce** in a life cycle.
- In a life cycle, reproduction creates new life (**offspring**), and the life cycle continues.

## Sexual reproduction in plants



# Editable version for teachers

