

Year 5-Life Cycles-Knowledge Organiser



Star Vocabulary

Fertilisation	The process by which male and female gametes are fused together.
reproduction	The production of offspring by a sexual or asexual process.
gametes	An organism's reproductive cells.
metamorphosis	A process some animals go through to become adults.
sexual reproduction	Reproduction that requires two parents and fertilisation.
asexual reproduction	Reproduction that does not involve fertilisation.

Explore the part that flowers play in the life cycle of flowering plants.
(Y3 - Plants)

Reproduction in humans (as an example of a mammal)
(KS3)

Flowering plant life cycle (sexual)



Non-flowering plant life cycle (asexual)



During sexual reproduction in animals, the male and female sex cells combine in a process called fertilisation. Fertilisation occurs either internally (inside the animal) or externally (outside the animal).

Some animals have both male and female reproductive organs! They are called hermaphrodites.

Progression

Can I describe the reproduction in plants?

Can I observe and compare the life cycle of animals in the local area or world?

Can I find out about the work of naturalists?

What is the process of sexual reproduction in animals?

Can I compare how different animals reproduce and grow?

Can I recall and evaluate my knowledge of life cycles?