

Test yourself.

Can you remember...?

- What part do flowers play in the life cycle of flowering

Key Learning:

As part of their **life cycle**, plants and animals **reproduce**.

Can you describe the **differences** between the life cycles of a mammal, an amphibian, an insect and a bird?

Can you describe the process of reproduction in some plants and animals?

Topic Mat

UKS2

Living things and
their habitats

Animals

Most animals **reproduce sexually**: sperm from the **male fertilises** the **egg** from the **female**.

Animals (including humans) have **offspring** that **grow into adults**.

In humans and **some animals**, these animals will be **born live** and **grow into adults**.

In **other animals** there may be **eggs laid** that **hatch** to **young** that then **grow into adults**.

Some young undergo **other changes** before **becoming adults** e.g. **caterpillars to butterflies**.

This is called **metamorphosis**.

Plants

Plants reproduce **sexually and asexually**.

Asexual reproduction includes **bulbs, tubers, runners and plantlets** – these involve only **one parent**.

Gardeners can force plants to reproduce **asexually** by taking **cuttings**.

Sexual reproduction occurs through **pollination**, which **usually involves wind or insects**.

Test yourself with your sticky knowledge...

Can you explain to a someone else about the life cycle of a...

Cat

frog

butterfly

pigeon

Vocabulary:

Life cycle, reproduce, sexual, sperm, fertilises, egg, live young, metamorphosis, asexual, plantlets, runners, bulbs, cuttings