Year 5

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Adult

reproduce.

The adult male rabba

female rabbit and

will mate with an edult

Eggs are laid

by the female

Sometimes

this is in

insect.

water

Petals make flowers look

attract insects and bees

to the flower in order to

pollinators, new flowers

pollinate. Without the

could not be made.

The stigma is the female

sticky part at the top of

part of the flower. It is the

the pistil that stands up in

the centre of the flower. It

visiting insects, ready for

collects pollen from

beautiful. They are

brightly coloured to

Petals

Stigmo

Providence (Speculadaes from Near A

Recognise that living things can be grouped in a variety of ways. Explore and use classification keys to help group, identify and name a variety of living things in their local and wider Recognise environment. that environments can change and that this can sometimes pose dangers to living things.

Rabbit Life Cycle

The Life Cycle of an Insect (Incomplete Metamorphosis)

The nymph grows into the adult form, sometimes shedding skin.

Adults sometimes fly. Adult females

Adolescent

The young rabbit

grows and develops

lay eggs

Embryo

The entiryo grows

made the ferricals middle

lives in water.

Kitten

(baby rabbit) The kitten drinks milk

from the female. As it

grows, it develops fur

and starts to eat.

solid food.

Parts of a Flower

Pollen

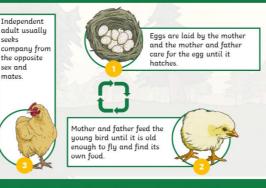
Pollen looks a bit like dust and is a bit sticky. It can be blown by the wind or moved around by insects within the same flower or to another flower. The flower makes pollen in the anther, which is the top part of the stamen - the male part of the flower.

Stamen

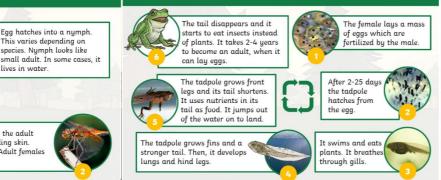
This is the male part of the flower. The stamen is a long part made up of the anther (at the top) and the filament (the 'stalk' the anther sits on). The stamen produces the pollen that then goes to fertilise plants for reproduction.

fertilisation to happen.

The Life Cycle of a Bird



The Life Cycle of an Amphibian



Germination Root Stem Main body of new plan

Insects in Pollination

- Insects don't pollinate on purpose; it's just something that happens as they collect nectar from flowers to feed on. Insects are incredibly important when it comes to pollination. Here are some facts to prove it:
- 84% of crops in Europe are pollinated by insects. This is worth £12.6 billion a year.
- Honey bees account for 80% of all insect pollination.
- Nearly all chocolate relies on midges pollinating the cocoa plant, which might make them seem slightly less annoying!



When first hatched, the larva or nymphs of a Dragonfly, live in the water for around a year.

Did you know, a group of frogs is called an army

Year

Knowledge Organiser Subject: Topic

	Riowieuge Orguniser	<u> </u>
Key Vocab		2
Amphibian	a cold-blooded vertebrate animal of a class that comprises the frogs, toads, newts, salamanders, and caecilians.	
Asexual animals	Asexual reproduction is reproduction without mating. In this form of reproduction, a single organism or cell makes a copy of itself.	
Birds	A bird is an animal with wings, feathers, and two legs. Birds, from chickens to crows, are also warm-blooded and lay eggs.	
Differences	When two or more species have life cycles that are not the same	
Germination	Germination is the process by which a plant grows from a seed.	
Insect	Insects are creatures that have bodies with three segments that are protected by a hard shell. They have three pairs of legs and a pair of antennae. Most insects have two pairs of wings, too.	
Mammals	Mammals include humans and all other animals that are warm-blooded vertebrates (vertebrates have backbones) with hair. They feed their young with milk and have a more well-developed brain than other types of animals.	
Pollination	Pollination is the process that allows plants to reproduce. In some cases, the wind and rain blows pollen between plants, which causes pollen to transfer to the female reproductive part of the plant	
Reproduction	The Biological process by which new individual organisms – "offspring" – are produced from their parents.	
Sexual Life Cycles	A life cycle is a series of stages a living thing goes through during its life.	0
Similarities	The word similarities means the comparison of 2 or more things that have something in common.	F
Stamen	the part of a flower that produces pollen and is made up of an anther and a filament.	
Stigma	A stigma is a part of a flower that gets pollen from pollinators such as bees. The stigma is part of the female reproductive part of a flower,	

Jane Goodall is a British scientist who has studied

She is considered to be the world expert on chimpanzees and their behaviour.

chimpanzees for many years.

Goodall was born in 1934 in London. When she was a child, her father gave her a chimpanzee toy, which began her lifelong love of animals.

She found that the chimpanzees had strong family bonds that would last for the whole of the chimpanzees' lives. She observed family members hugging, kissing, patting each other on the back, and even tickling each other!

Who is Jane Goodall?