

Year: 5

Term: Summer 1

Topic: Biology - Investigate living things

St Dennis Primary Academy

"Everyone matters, everyone succeeds, every moment counts"



Life Processes

There are seven things that all living things do.
These are called life processes.

'MRS GREN' will help you remember these!

Movement - All living things move

Respiration - All living things take in gas and release gas.

Sensitivity - Being able to hear, see, smell, feel and taste.

Growth - To get larger or taller.

Reproduction - Having offspring.

Excretion - Getting rid of waste products.

Nutrition - Consuming food for energy.

Mammals Hair on body Mother produces milk for offspring	Reptiles Scaly skin Born on land
Amphibians Born in water As they grow, lungs develop so they can live on land	Birds Have feathers Most can fly and have wings
Fish Live in water Have fins and scales	

Glossary

fertilisation

The point at which the sperm from the pollen meets the egg in the ovary.

pollination

The process by which the pollen reaches the stigma.

pollen

Granule that delivers the male genetic material to the female seed.

stamen

The male part of the flower, comprising of the anther and filament.

pistil

The female part of the flower consisting of the stigma, style and ovary.

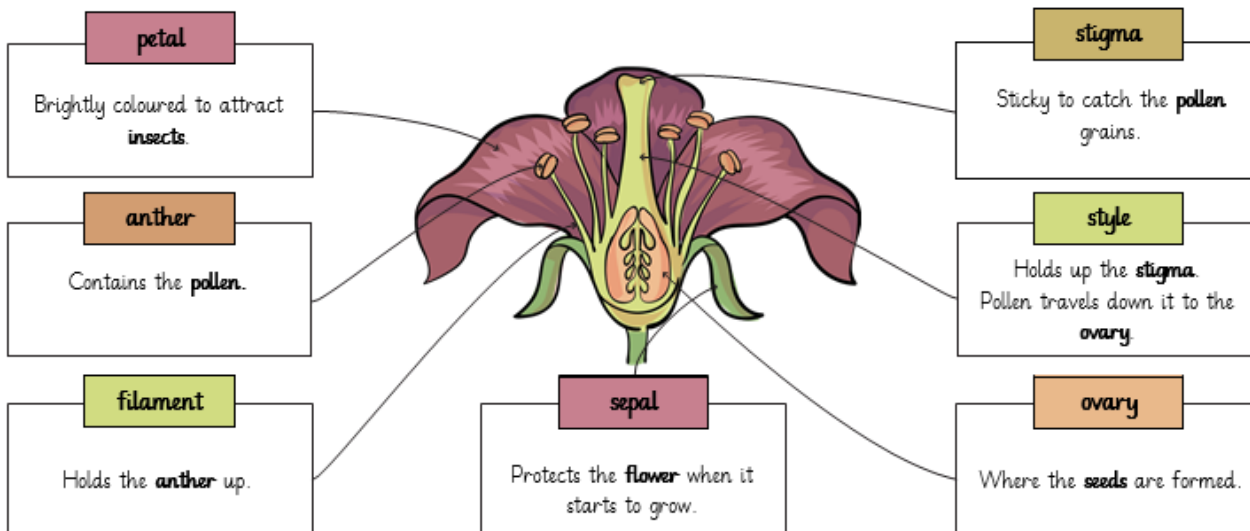
seed dispersal

The method used by a plant to spread out its seeds (usually by wind, water or animals).

reproduction

The combining of genetic material from two individuals to produce new life.

The flower's main job is to create new **seeds to grow new plants**. There are lots of **different parts** of the flower.



Pollination and seed dispersal

Pollination is when pollen from the anther is transferred to the stigma. This can happen by wind or by a pollinator such as a bee or a butterfly. Once the pollen is transferred to the stigma, it travels down the style to the ovary where the seed grows. Seeds are then dispersed and will grow in different places. Seeds can be dispersed by exploding plants, wind, water or animals.

Reproduction in animals

Reproduction is the process in which living things create offspring (children or babies). Offspring will have DNA from their parents and have similar characteristics.