


المفردات الرئيسية

Key vocabulary	
life cycle دورة الحياة	This shows how things are born, how they grow and how they reproduce.
reproduction التكاثر	As part of their life cycle plants and animals reproduce. There is sexual and asexual reproduction.
sexual reproduction التكاثر الجنسي	Both the male and female are needed. Most animals reproduce sexually.
asexual reproduction تكاثر غير جنسي	Only one parent is needed. This occurs mostly in plants and bacteria.
fertilise تخصيب يسمى	In animals: When the male sperm reaches the female egg. In plants: When the male pollen reaches the female ovule.
metamorphosis التحول	A major change from one form to another in the life cycle of some animals when they change from young to an adult.
photosynthesis	The way in which plants make food in their leaves.
pollen لقاح	This is a very fine powder that is produced by the male part of the flower.
pollination تلقيح	When pollen is transferred to female parts of a flower. This can be done by wind or insects.
seed dispersal نثر البذور	Seeds can be dispersed in different ways, for example, wind, animals or water.
germination إنبات	When a seed sprouts a root and shoot.

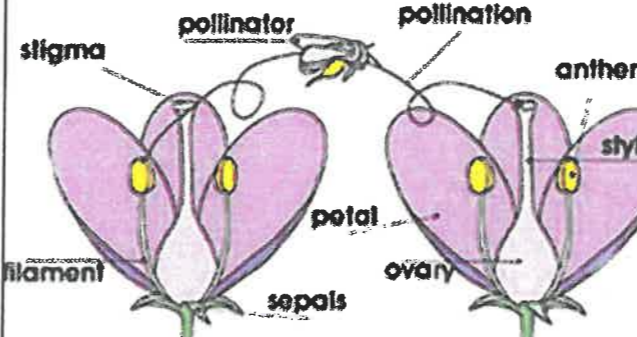
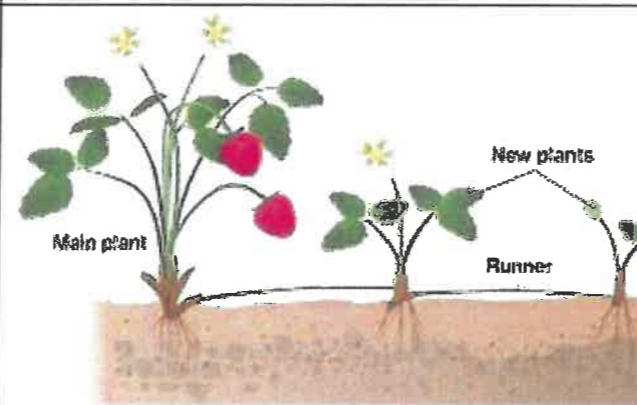
الكائنات الحية وبيئاتها

Living things and their habitats – Year 5

Significant scientists	
David Attenborough (born 1926) 	Sir David is an English broadcaster and naturalist. He has made many famous wildlife programmes. He was knighted in 1985.

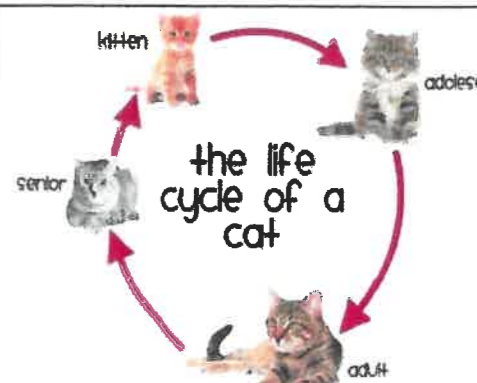
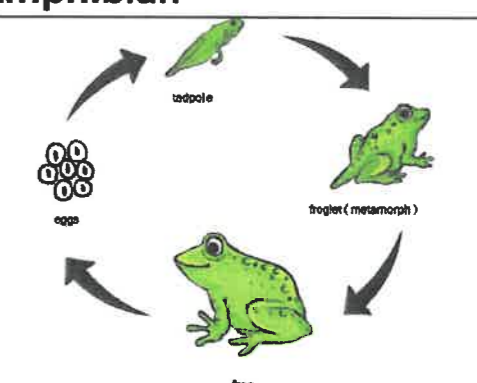
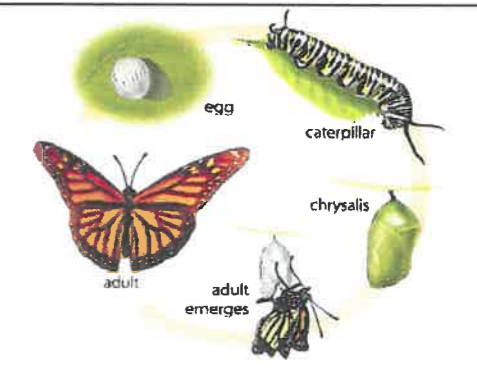
تكاثر النباتات على حد سواء - الجنسي وغير جنسي

Plants reproduce both sexually and asexually

Sexual reproduction occurs through pollination usually involving wind or insects.	 <p>E.g. lily, apple tree, tomato</p>
Asexual reproduction involves only one parent using bulbs, tubers, runners and cuttings.	 <p>E.g. spider plant, potato, strawberry</p>

دورة حياة الحيوانات

Life cycles of animals

Mammal - female gives birth to young - Live young are born - young looks like adult - female provides milk for young	
Amphibian - eggs laid in water - young go through different form before looking like adult - no parental care	
Insect - egg laid and then hatch - some grow to adult but most go through metamorphosis to adult	
Bird - eggs laid in a nest - young hatches from an egg - grow to adult - parental care after hatching	