

Our Living Planet- Spring 2

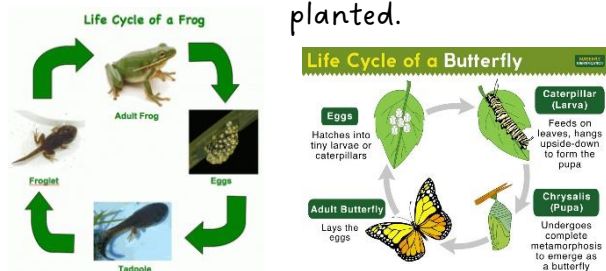
Science- Life Cycles

Sexual reproduction of a plant :

- The stamen is the male part of the flower which holds pollen
- The carpel is the female part of the flower which contains eggs
- Pollen travels from the anthers of one flower to the stigma of another- this is called Pollination
- Plants rely on bees or other insects to carry their pollen while some pollen floats in the wind
- After pollination, the pollen grain and the egg join together- fertilisation
- The fertilised egg will develop into a seed

Asexual reproduction of a plant:

- Plant cuttings- some plants stems can grow roots if they are planted in the correct conditions- such as geraniums
- This allows for people to make lots of copies of the same plant
- Runners- some plants, like strawberry plants, grow runners which have new plants on the end
- These plants are an exact copy of the parent plant from which they have grown
- Bulbs- other plants (onions, daffodils, garlic and tulips) produce bulbs which will grow if they are planted.



Geography

- Climate change refers to the shift in the Earth's usual weather conditions over many years
- Global Warming- due to the combination of human actions, our

getting steadily thicker and, as a result, the Earth has been getting hotter

- Humans have been burning a huge amount of fossil fuels, (coal, oil and gas) to provide us with useful energy for heating, electricity and transport
- Human have been chopping down billions of trees to provide wood and to clear land for farming, so there are now fewer trees to absorb carbon dioxide from our atmosphere
- Plastic pollution- an issue that threatens our environment and the wildlife within it
- Food miles- are the distance food has travelled to get to your plate
- Sustainability- relates to the world's resources and how they are used and expended to ensure that they maintain and replenish themselves



DT:

- Appendage- a thing that is added or attached to something
- Blanket stitch- the blanket stitch is used to reinforce the edge of thick materials
- Stuffing- the soft material inside pillows, mattresses, or soft toys
- Pattern- the flat template made of paper, that is used as a guide for cutting the materials.

