

Science Year 5 Knowledge Organiser



Topic:
Living Things

National Curriculum Statement

- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- Describe the life process of reproduction in some plants and animals.
- Describe the changes as humans develop to old age.

Key enquiry questions:

- Can you identify all the stages in the human life cycle?
- What's the difference between the life cycle of an insect, a bird and an amphibian?
- How do plants reproduce?
- How do different animals reproduce?
- What happens to humans in old age?
- Can you explain the work of David Attenborough and its importance in society today?

Key Vocab:

Infant – a very young child or baby

Adolescent – developing from a child to an adult

Life cycle – the series of changes in the life of an organism

Reproduce – biological process where offspring are made.

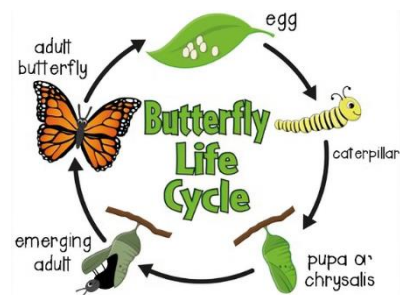
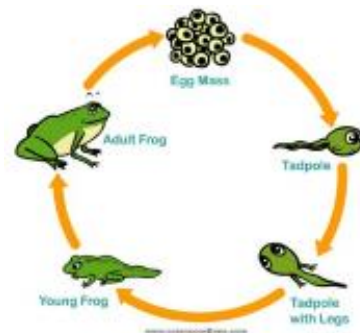
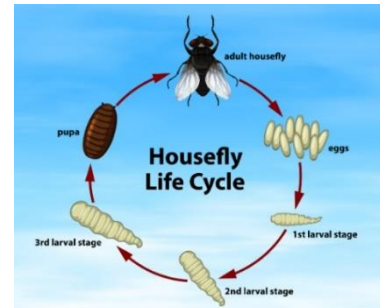
Investigate – to carry out an enquiry

Amphibian – a cold-blooded vertebrate animal

Reptile - a vertebrate animal

Pollen dispersal - moving the pollen to the female parts of the plant.

Foetus – an unborn baby.



I am a scientist as I gather evidence and use research from previous scientists, to make hypotheses and test them through experiments. I discuss results and draw conclusions.