

Living Things and Their Habitat

Summer Term 1

Explaining
Science

Designing
Experiments

Important Scientists



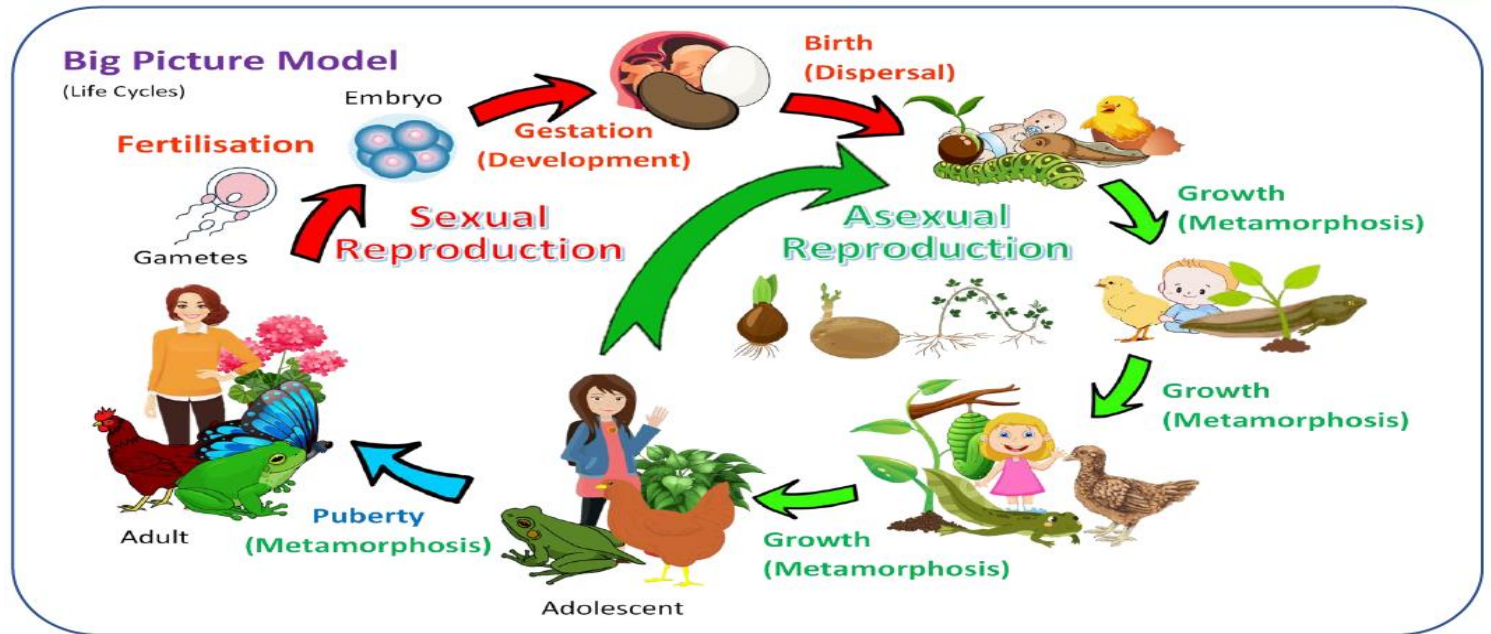
Jan Swammerdam (1637-1680) Dutch scientist that revolutionised the study of insects. He proved that the egg, pupa and adult were the same animal that was not known at the time.



Maria Sybilla Merian (1647-1717) German scientist who was the first to observe, record and name to process of insect metamorphosis in silk worms. She built on Swammerdam's research.



Karl von Frisch (1886-1982) Austrian scientist who studied bee behaviour and communication. He was the first to describe the 'waggle-dance' a bee uses to describe the location of nectar to others.



Key Knowledge

- Know and compare the life cycles of a mammal, amphibian, insect and a bird.
- Know the process of sexual reproduction in plants and animals.
- Know the process of asexual reproduction in plants and animals.

Key Words

	variable	independent	dependent	controlled	reliable
vertebrate	bird	birth	sperm	seed	runner
invertebrate	mammal	embryo	fruit	puberty	germinate
fish	growth	sexual	larva	bulb	tadpole
amphibian	fertilisation	asexual	pollination	tuber	metamorphosis
reptile	gestation	clone	dispersal	rhizome	habitat