



GILES BROOK SCHOOL

- All living things **reproduce** and go through common stages of development such as birth, growth, reproduction and death.
- Some plants and animals use **sexual reproduction** to reproduce.
- Some plants and animals use **asexual reproduction** to reproduce.
- **Metamorphosis** is a process by which animals undergo an abrupt and obvious change in their body and behaviour.
- Some animals undergo **complete metamorphosis** (a complete change).
- Some animals undergo **incomplete metamorphosis** (several different stages of change).
- Jane Goodall is a **naturalist** who has spent many years studying the life cycle and behaviour of chimpanzees.

Key people
Jane Goodall



Knowledge Organiser

SCIENCE - LIVING THINGS & LIFE CYCLES

I already know:

- the parts of a flower.
- the 7 characteristics of living things.
- that living things can be grouped in a variety of ways.

The Life Cycle of a Dog



Key Vocabulary

reproduce	To produce offspring
sexual reproduction	Reproduction that requires two living organisms - one male and one female.
asexual reproduction	Reproduction where an organism is able to create identical clones of itself.
lifecycle	The series of changes in the life of an organism.
metamorphosis	A change of the form of an organism into a completely different one.
naturalist	An expert in or student of natural history.
pollination	The transfer of pollen to a plant to allow fertilization.
embryo	An unborn or unhatched offspring in the process of development

Useful web links

<https://www.stem.org.uk/resources/elibrary/resource/36134/life-cycles>

<https://www.theschoolrun.com/what-life-cycle>

<https://www.bbc.co.uk/teach/class-clips-video/science-ks2--ks3-the-life-cycles-of-different-organisms/zvh8qp3>