Class 3 Summer 1 2022 — Amazon Adventure – Observing Life Cycles — Science Knowledge Organiser

Key Facts – What you need to know

- 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.
- Plants produce pollen from the stamen (male part of the plant) which is transferred to the stigma and then the ovary (female parts of the plant).
- Fertilisation occurs in the ovary of the flower.
- Seeds are formed as a result of fertilisation.

Observe	Using our senses to gather information and collect data from the natural world.
Describe	Write in words or give someone a verbal explanation of your observations.
Record	Putting down your findings in writing and creating some other permanent of your findings.
Compare	Estimate, measure or note the similarities and differences between things that are being observed.

Key Vocabulary

Reproduction	The process of new living things being made.
Asexual reproduction	One parent is needed to create an offspring, which is an exact copy of the parent.
Sexual reproduction	Two parents are needed to make offspring, which are similar but not identical to either parent.
Fertilisation	The act of fusing the male and female sex cells in order to develop an egg.
Gestation	The length of a pregnancy.
Life cycle	The journey of changes that take place throughout the life of a living thing.
Pollination	The transfer of pollen to a stigma to allow fertilisation.
Metamorphosis	An abrupt and obvious change in the structure of an animal's body and their behaviour.

Crawford Village Primary School & Nursery

Pictures and Diagrams