



Growing Up

Year 2

Knowing More, Remembering More

Remembering previous learning

What is a mammal? Mammals are animals with fur or hair on their bodies. Some can be kept as pets, some live in the wild.

Are humans mammals? Yes.

What is a bird? Birds are animals with beaks, wings and feathers. Some birds can fly, some birds cannot fly. Some birds can swim, some birds cannot swim.

What is a fish? Fish live in water. They have fins to help them swim. Some fish have scales on their bodies. Most fish have gills that help them breathe underwater.

What is an amphibian? Amphibians are animals that live on land and in water. They have webbed feet. Frogs, toads and newts are amphibians.

What is a reptile? A reptile is an animal that has dry scales on their bodies. Lizards, snakes, crocodiles and turtles are reptiles.

In this unit children will:

- Notice that animals, including humans, have offspring which grow into adults.

Working Scientifically:

- 2.1 Ask simple questions and recognise that they can be answered in different ways.
- 2.6 Observe closely, using simple equipment.
- 2.8 Gather and record data to help in answering questions.
- 2.9 Identifying and clarifying.
- 2.12 Use their observations and ideas to suggest answers to questions.

Key Learning Steps:

1. Parent and Offspring
 2. Life cycle of humans
 3. Life cycles of different mammals
 4. Life cycle of amphibians
 5. Life cycle of a butterfly
 6. Are there patterns between the life cycles of different animals?
- Later in the term: butterfly diary

Key Vocabulary:

- mammal
- life cycle
- baby
- adolescent
- life cycle
- amphibian
- frogspawn
- tadpole
- froglet
- caterpillar
- pupa
- offspring
- offspring
- growth
- egg
- adult
- parent
- baby
- child
- teenager
- adult
- life cycle
- butterfly
- compare

Key Scientists:

Classic

Nettie Stevens
(1861 - 1912)

Discovered how the gender of offspring is determined by chromosomes from the parents.



Knowing More, Remembering More

Knowing more in Y2

Which animal group gives birth to live young? Mammals

Which animal groups lay eggs? Reptiles, amphibians, birds and most insects.

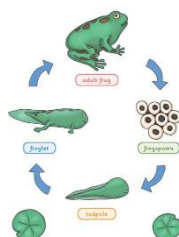
What are the stages of a human life cycle? Baby, child, teenager, adult.

What are the stages of mammals' life cycles? Baby, adolescent, adult.

What do mammals eat when they are babies? Milk

What are the stages of a frog's life cycle?

Eggs (frogspawn), tadpole, young frog (froglet) and adult frog.



What are the stages of a butterfly's life cycle?

Eggs, larva, pupa, adult butterfly.

