

Crowmarsh Gifford School Science

Topic: Animals including humans

Year 2

Strand: Biology

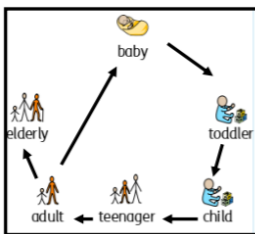
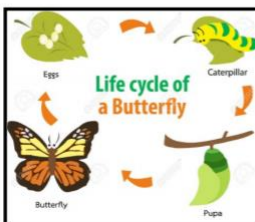
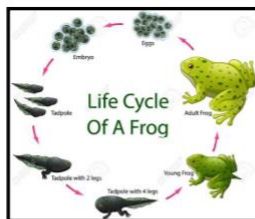
What should I already know?

- *There are five types of vertebrates (mammals, fish, reptiles, amphibians, birds)
- *Vertebrates are animals that have a backbone.
- *Some animals are suitable to be kept as pets but others are not.
- *Some animals give birth to live young but others lay eggs.

What will I know by the end of the unit?

What is a life cycle?

•A life cycle is the series of changes that an animal or plant passes through from the beginning of its life until its death.



•Animals, including humans, have offspring which grow into adults.

What do all animals need to survive?

All animals need water, air and food to survive.

What do humans need to be healthy?

To keep healthy, humans need:
to eat a balanced diet and healthy food

- some exercise to keep their muscles and bones healthy
- to take medicines that are given by doctors and nurses when feeling poorly
- to keep good hygiene by washing regularly, having clean clothes, brushing teeth and hair.

Cross curricular links

English – Diary writing (food)
Instructions (to look after a pet)
Maths – data handling (bar graphs, pictograms)
Measuring – hand spans and heights
P.E – The effects of exercise on the body

backbone	the column of small linked bones down the middle of your back
balanced diet	A variety of food that you regularly eat
bar chart	A chart which uses bars to represent the value of something 
bones	The hard parts inside your body which form your skeleton
disease	An illness which affects animals, plants or people
exercise	When you exercise you move your body energetically in order to get fit and to remain healthy
farm	an area of land used to produce crops or to breed animals and livestock
healthy	well and not suffering from any illness
hygiene	keeping yourself and your surroundings clean, especially in order to prevent illness or the spread of diseases
Life cycle	the series of changes that an animal or plant passes through from the beginning of its life until its death
medicine	the treatment of illness and injuries by doctors and nurses
muscles	something inside your body which connects two bones and which you use when you make a movement
offspring	A person's children or an animal's young
pet	A tame animal kept in a household
pictogram	A picture that represents information
skeleton	The framework of bones in your body
survive	Continue to exist

Investigate!

- Match animals to their offspring
- Compare and contrast offspring to their parents.
- Compare the heights/hand spans of people at different stages of their lives.
- Order the stages in human life.
- Write an instruction text about how to look after pets.
- Record a food diary and evaluate your diet.
- Collect information about favourite foods and present it in a pictogram or bar chart.
- Participate in a series of exercises and investigate how each exercise: makes your body feel, affects your breathing, uses each of your muscles