

Unit of work
Animals including humans

Year group
2

Prior learning

- 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.
- Doctors and nurses give us medicine when we are poorly

National Curriculum

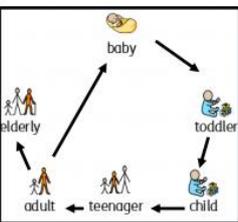
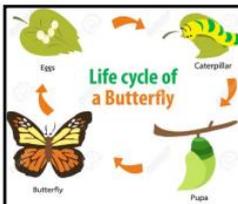
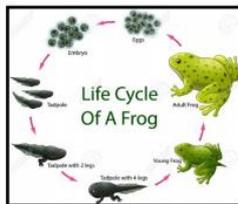
Pupils should be taught to:

- notice that animals, including humans, have offspring which grow into adults
- find out about and describe the basic needs of animals, including humans, for survival (water, food and air)
- describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene

Knowledge/ Skills

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.

Vocabulary and definitions

Word	Definition
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 and comparing it to a different group
Bones	the hard parts inside your body which form your skeleton
Disease	an illness which affects people, animals, or plants
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 simple drawing that represents something
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.
- Investigate how animals are cared for in zoos and farms.
- Research animal charities, such as the RSPCA, and how they keep animals safe.
- 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

Significant Scientists

Dr Ernest Madu

(born 1960)



Dr Ernest Madu is a cardiologist. His work focuses on providing affordable healthcare in low-resource nations.

Question 1: Tick all the things that all animals need to survive:	Start of unit:	End of unit:
air		
water		
food		
exercise		

Question 2: How can humans keep healthy?	Start of unit:	End of unit:
exercise		
medicine when given by a doctor or nurse		
balanced diet		
look after animals		

Question 3: The word offspring means.....:	Start of unit:	End of unit:
a form of gymnastics		
a season of the year		
to go on and then off		
a person's children or an animal's young		

Question 4: Place these in order of how they happen in the	Start of unit:	End of unit:
toddler		
adult		
elderly		
baby		

Question 5: How can you maintain good personal hygiene?	Start of unit:	End of unit:
brush teeth		
wash regularly		
brush hair		
wear clean clothes		
all of the above		