

Subject: Science

Topic: Animals including Humans

Class: Blackbird

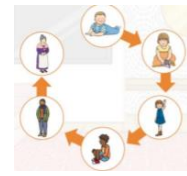
What should I already know?



The basic needs of animals including humans for survival (water, food and air).

The importance for humans of exercise, eating the right amounts of different types of food, and hygiene.

That animals have offspring which grow into adults



Vocabulary

Prior

offspring - the baby of an animal
needs - things that are very important to survive
survive - stay alive
exercise - activity to improve health and fitness
hygiene - keeping clean
health - free from illness or injury
diet - what is eaten

Required

Nutrients - found in food and are important for life and growth
Carbohydrates - give energy
Protein - helps the body grow and be strong
Vitamins and minerals - help the body grow and stay healthy
Fats - provide energy
Organs - parts of the body that perform a job
Contract - to become shorter or smaller

Challenging

Specific names for bones - **clavicle, humerus, radius, ulna, ribcage, pelvis, femur, tibia, fibula**
Specific names for muscles - **biceps, triceps**

What will I know by the end of the topic?



That animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat

That humans and some other animals have skeletons and muscles for support, protection and movement



Scientific enquiry



Observing



Pattern seeking



Classifying



Research

Skills

Observing
Questioning
Investigating