

Year 3 Science: Animals including Humans

What should I know already?

- All animals need water, air and food to survive.
- The different ways in which humans can be healthy.
- Examples of healthy and unhealthy food choices.
- The parts of the human body and what they do.
- There are five types of vertebrates (mammals, fish, reptiles, amphibians, birds)
- Vertebrates are animals that have a backbone.
- Invertebrates are animals that do not have a backbone

Key Knowledge

- Animals need to eat to get the nutrients they need.
- Carbohydrates, protein, vitamins, minerals, fats, sugars, water and fibre that are needed by the body to stay healthy
- Vertebrates are animals that have a backbone. These skeletons are called endoskeletons - this means that the skeletons are on the inside of the bodies. These skeletons grow with the bodies.
- The functions of the skeleton are movement, protection and support.
- Muscles and joints are also essential for us to move



Vocabulary

nutrition	Food necessary for health and growth.
nutrients	Useful substances that help animals and plants grow.
carbohydrates	These are the foods that give us energy. They are found in sugary and starchy foods.
proteins	These are important so the body can grow, repair and build muscle.
vitamins and minerals	Substances found in foods which keep us healthy. These are found in fruit and vegetables.
fibre	This lets food pass quickly through your body. It helps keep your digestive system in good working order.
skeleton	This supports and protects the body, allowing it to move.
bones	The hard parts inside your body which form your skeleton.
muscles	These are attached to bones and help us move.
joints	The place where 2 bones meet.

What will we be learning?

- identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals
- identify and name a variety of common animals that are carnivores, herbivores and omnivores
- describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets)
- identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense

A cat skeleton

