

Y3 - Animals including humans - Knowledge Organiser

Scientific Vocabulary

Nutrition



Nutrition involves drinking enough water and eating the right amount of items from the main food groups.

Skeleton



The human skeleton is made of bone and grows as we grow. It protects our organs like our brain and heart. It offers: Support, movement and protection.

Muscles



Muscles are attached to bones and help them to move. When a muscle contracts it gets shorter and pulls on the bone it is attached to.

Diet



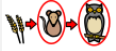
Our bodies need a balanced diet to work properly. This involves drinking enough water and eating healthily.

Portion



A part of something. E.g. 'A portion of the garden is shadowed from the sun' or 'a portion of peas'.

Producer

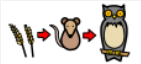


All plants are producers. This means they can make their own food.

Consumer

All animals, including humans, are consumers. This means they eat plants and /or other animals for food.

Food chain



A diagram that shows how energy flows through a chain of living things.

Food web



A diagram that shows how energy flows through a web of living things.

Function



To work in a particular way. E.g. 'The diaphragm allows our breathing to function'.

End point

By the end of this unit - I will understand how and why animals, including humans, acquire the right nutrition and body properties (e.g. skeleton) to stay healthy and supported.

Key Diagrams:



Important facts to know by the end of the skeleton and muscle topic:

- That humans cannot make their own food. They get their nutrition from what they eat. They are consumers.
- That humans have skeletons and muscles for support, protection and movement.
- Know that the diaphragm is a muscle that also helps our movement and breathing.

Careers:

Respiratory physiologist
Marine biologist

Nutritionist

Personal trainer

