

Whingate Primary School - Science



Animals Including Humans

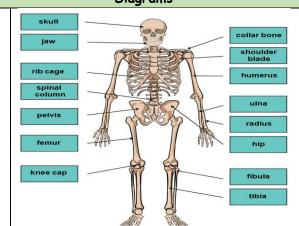


YEAR 3

What should I already know?

- Understand that animals including humans, have offspring which grow into adults.
- Describe the basic needs of animals, including humans for survival (water, food and air).
- Describe the importance for humans of exercise, eating the right amount of different foods and hygiene.

Diagrams



Sticky Knowledge

- Humans need the right number of different foods for nutrition.
- Humans and other animals have skeletons that keep them upright.
- Humans and other animals have skeletons and muscles for support, protection, and movement.

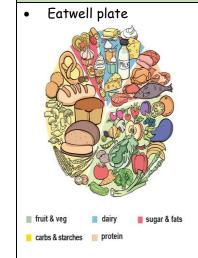
Vocabulary

bone - hard parts of the skeleton contract - to squeeze together diet - the food that we eat exoskeleton - a skeleton on the outside of the body invertebrate - an animal without a spine/backbone healthy - things that are good for our bodies muscle - a bundle of tissue that contracts to allow movement **nutrition** - the food we eat that gives us energy relax - to become less tense **skeleton** - a framework of bone to support the body unhealthy - things that are not good for our bodies vertebrate - an animal with a spine/backbone

STEM SENTENCE:

Skeletons do three important jobs: protect organs; allow movement; support the body and stop it from falling over

Significant Information



Muscles are soft tissues in the body that contract and relax to cause movement

Tendons are cords that join muscles to bones.



Learning Journey

Identify that animals, including humans, need the right types and amount of nutrition.

Animals cannot make their own food; they get nutrition from what they eat.

Identify that humans and some other animals have skeletons and muscles for support, protection and movement.

Understand how muscles work.

Understand how the lungs work.