

Science - Year 3 - Biology

Animals, including Humans



Key Vocabulary



healthy

nutrients

energy

saturated fats

unsaturated fats

vertebrate

invertebrate

muscles

tendons

joints

Science GOLDEN WORDS:

Could be useful to have the same words per phase here?

prediction

measurements

conclusion

explain

classify

Key Facts



- Living things need food to grow and to be strong and healthy.
- Plants can make their own food but animals cannot.
- To stay healthy, humans need to exercise, eat a healthy diet and be hygienic.
- Animals, including humans, need food, water and air to stay alive.

Nutrients

Nutrient	Found in...	What it does
carbohydrates		provide <u>energy</u>
protein		helps growth and repair
fibre		helps you to digest the food that you have eaten
fats		provide energy
vitamins		keep you healthy
minerals		keep you healthy
water		moves nutrients around your body and helps get rid of waste

Key Facts

Skeletons do three important jobs:

- Protect organs inside the body;
- Allow movement;
- Support the body and stop it from falling on the floor.

Skeletal muscles work in pairs to move the bones they are attached to by taking it in turns to contract (get shorter) and relax (get longer)



Our 'Animals' knowledge journey:

Y1: Identify, name, draw and label basic parts of human body
Y2: Basic needs of animals for survival

Describe importance of exercise, diet and hygiene.

Working Scientifically:

- asking relevant questions and using different types of scientific enquiries to answer them.
- recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.
- identifying differences, similarities or changes related to simple scientific ideas and processes.