

# Year 3 Science Knowledge Organiser- The Human Body

## Key Vocabulary.

bones	hard parts inside the body.
contract	get smaller.
invertebrate	animals without backbones.
joints	part of the body where 2 bones meet.
muscles	soft tissue in the body that causes movement.
organs	parts of the body that do jobs to keep animals alive.
relax	get longer.
skeleton	collection of bones, inside the body.
tendon	ords that join muscles to bones.
vertebrate	animals with backbones

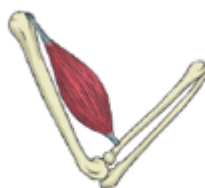
### What is a skeleton?

A skeleton is an animal's **framework** or **structure**.  
Human skeletons have 3 jobs:- 1)It **protects** the organs inside the body.  
2)It allows the body to **move**.  
3)It **supports** the body to stop it from falling on the floor.

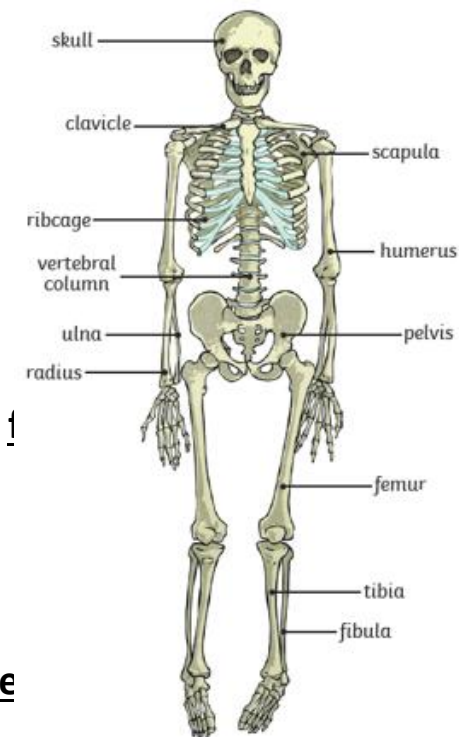
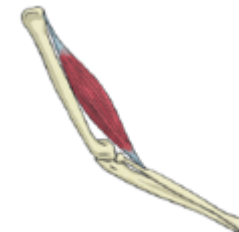
### What are muscles?

Muscles help the body to move and live as they provide a **movement**.  
Muscles have to **work in pairs** to move the bones.  
Muscles are attached to the bones by tendons.

One muscle **contracts**.....



the other muscle **relaxe**



# Keeping the human body healthy

Key Vocabulary.	
carbohydrates	provide energy
diet	food that you put into the body.
energy	strength to be able to grow and move.
fats	gives energy, vitamins and minerals.
fibre	helps digest the food that has eaten.
fruit and vegetables	fresh food grown on a plant.
healthy	a living thing that is in a good mental and physical condition.
nutrients	substances that animals need to stay alive and healthy.
protein	helps growth and repair.
sugar	sweet tasting carbohydrates.

## Why do animals need food?

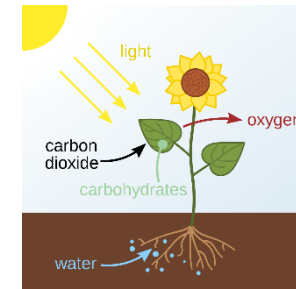
Living things need food to grow, be strong and healthy.  
Animals need food, water and air to stay alive.

## How are plants and animals different in getting their nutrition?

Animals need to eat food.



Plants can make their own food.



To stay healthy humans need to eat a varied diet.

