

What I already know

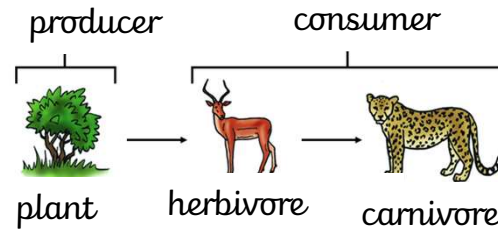
Year 6 How are lives saved? Knowledge organiser



Muscles are attached to bones and help them move.

When muscles contract they get shorter and pull on the bone they are attached to.

A food chain



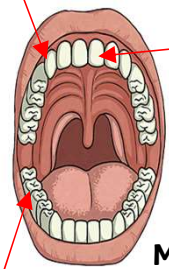
Canine teeth

Canine teeth are used for tearing and ripping

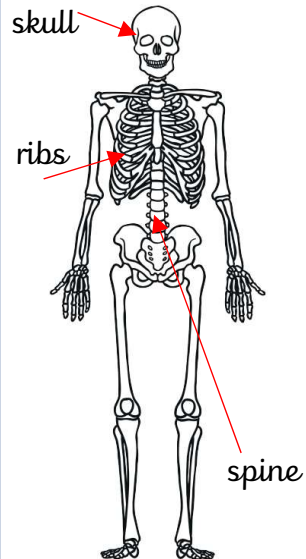
Incisors

Incisors are for biting and chewing.

Molars are used for crushing and grinding



Molars



spine

A human skeleton is made of bones

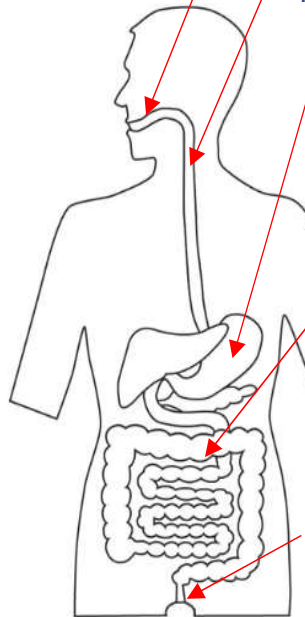
mouth – food is crushed and saliva added

oesophagus – food is transported to the stomach,

stomach – acid breaks down the food and kills bacteria

intestines – nutrients are absorbed to be used in the body

anus – waste is removed from the body



nutrients

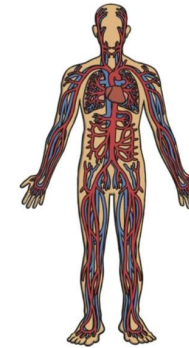
Carbohydrates – from things like bread and pasta give us energy

Proteins – from things like meat, dairy and fish (and vegetarian versions) to help build our bodies

Fats – from oils, dairy, meat and fish to give us a store of energy.

Vitamins and minerals – from vegetables and dairy – to keep our body working.

What I will learn



Our circulatory system

Our blood carries **oxygen (in red blood cells)** and **nutrients (in plasma)** to all of the parts of the body.

The blood is moved by the **heart pumping**.

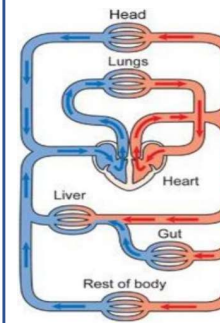
The blood travels through **blood vessels** which are **tubes** everywhere in your body.

Arteries carry blood leaving the heart

Veins carry blood returning to the heart

White blood cells protect against infection

Platelets help blood to clot to repair cuts.



Exercise increases heart rate so that the blood is pumped faster and more oxygen can be transported to the body. We can measure our heart rate by taking our pulse.

Diabetes is a health issue which affects how the body uses sugar. There are **two types of diabetes**.

They can be controlled by **insulin or diet**.

Hidden sugars are in ready meals, drinks and savoury food.

