



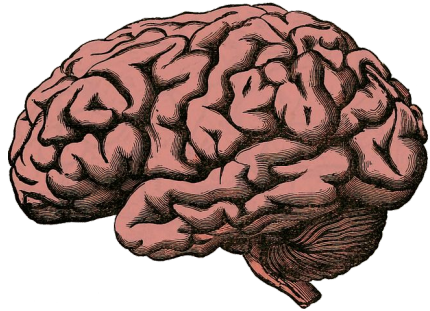
Inside The Human Body

The human body is made up of different **cells, tissues**, organs and systems that all work simultaneously. Let's learn some key vocabulary to talk about this in English.

There are five **vital organs** that are essential for human survival.

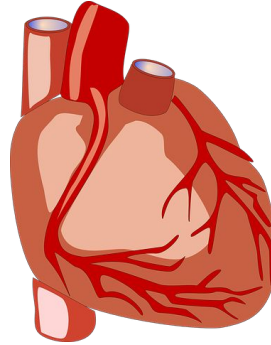
Vital organs

The brain



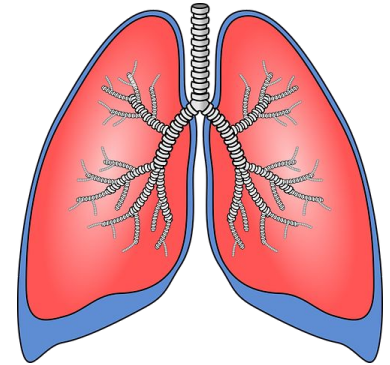
The brain is found in the head and it's the control centre of our bodies. It helps us think, feel and create memories.

The heart



The heart is found in the chest and it pumps blood around our bodies.

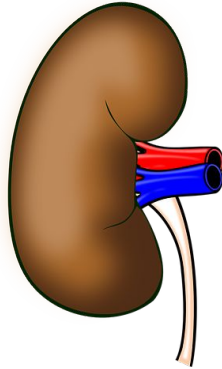
The lungs



The lungs are also found in the chest and exchange carbon dioxide for oxygen - i.e. breathing.

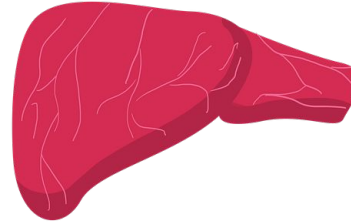
Vital organs

The kidneys



The kidneys are found at the back of the abs. They filter our blood and create urine.

The liver

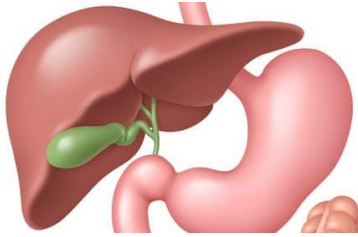


The liver is found on the right of the abdomen. It has many functions, including balancing nutrients.

There are many other **non-vital organs** in our human body too. You could go on living and have a relatively normal life without these organs.

Non-vital organs

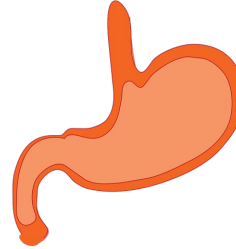
gallbladder



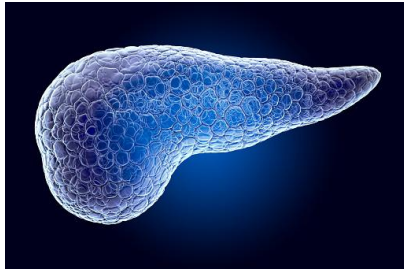
appendix



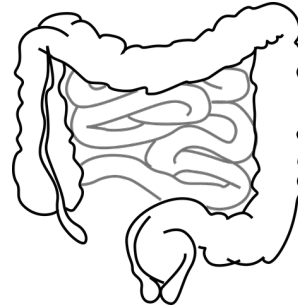
stomach



pancreas



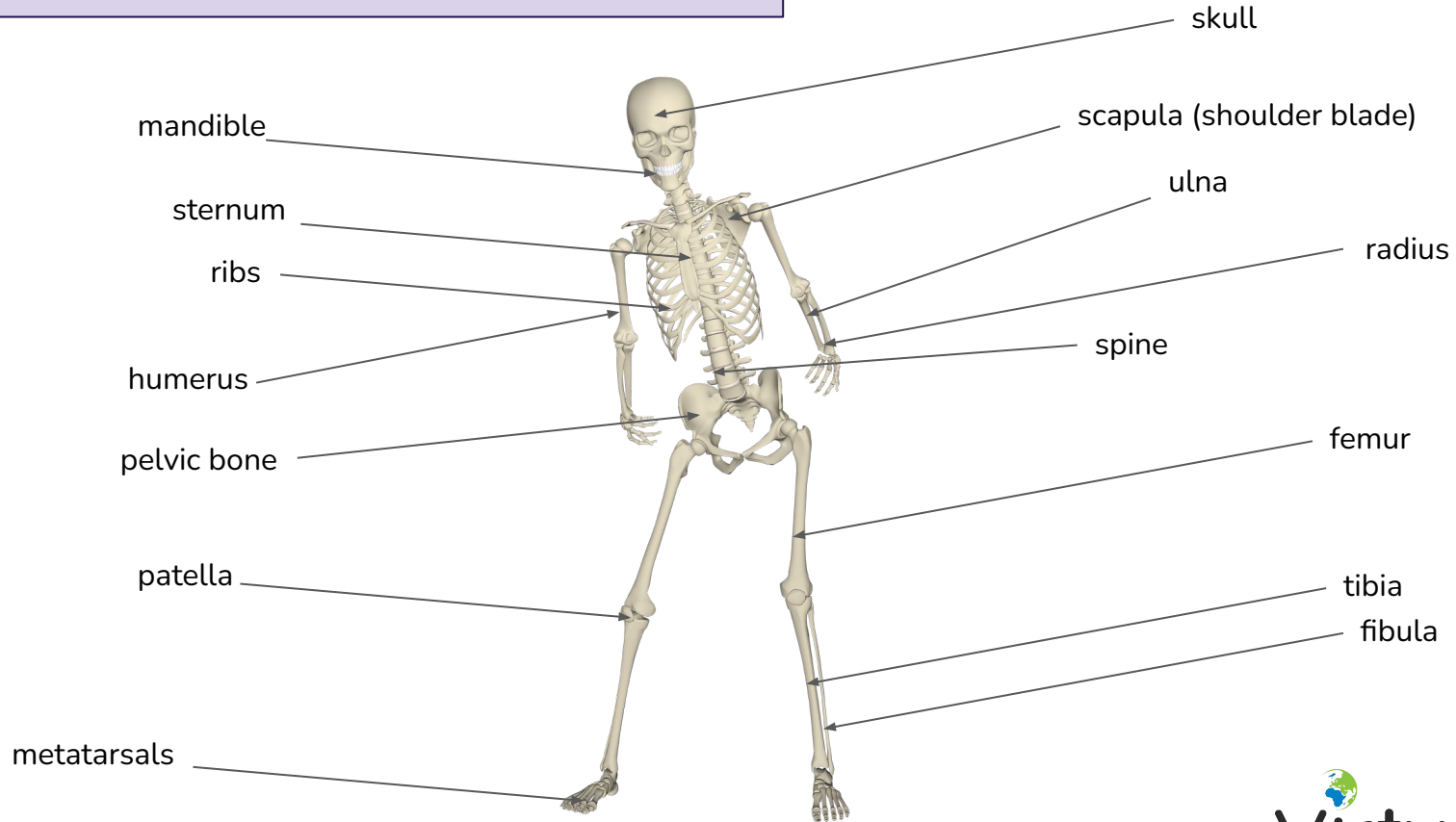
intestines



There are around 10 essential systems in the human body that all work to ensure we live fit and healthy lives.

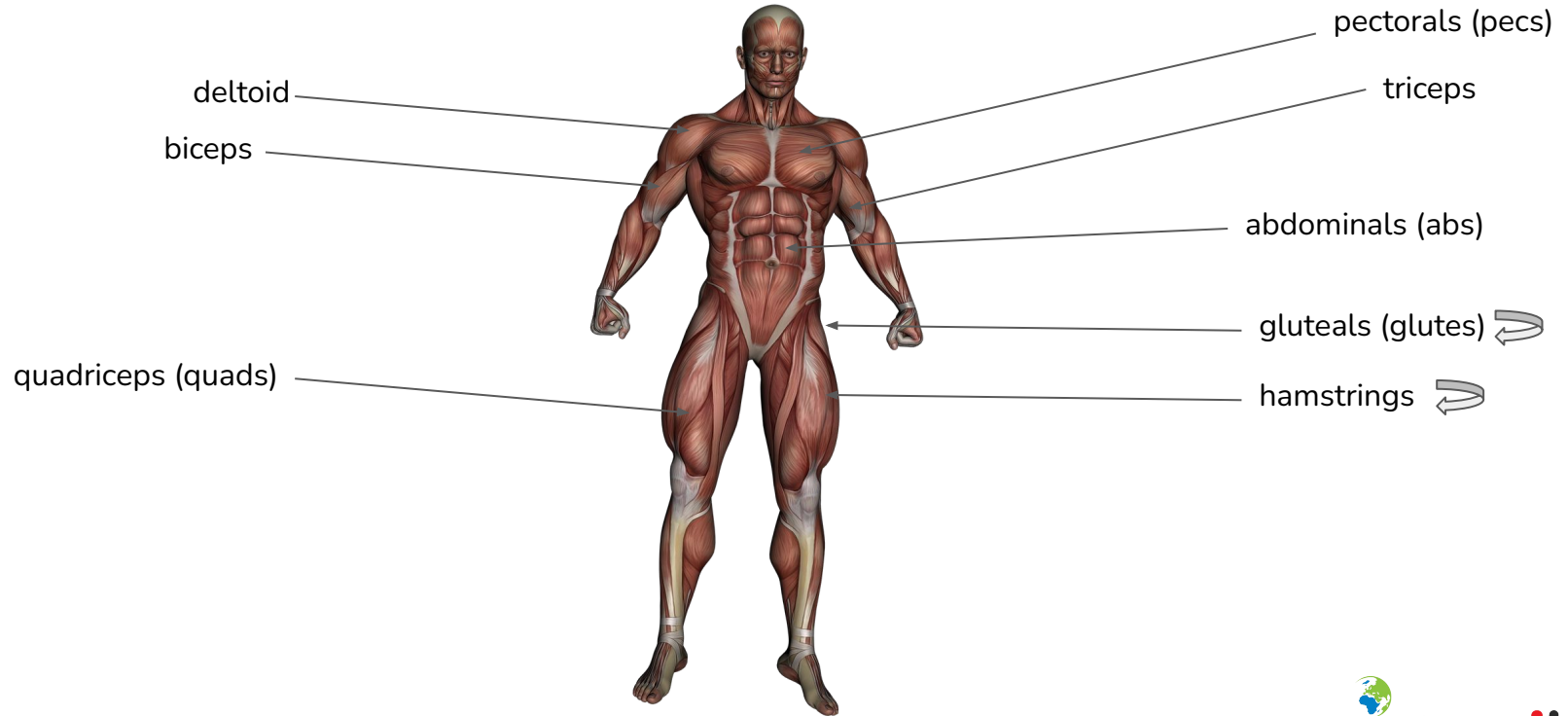
The **skeletal system** is made up numerous **bones** and **cartilages**. Its function is to provide a framework for the human body.

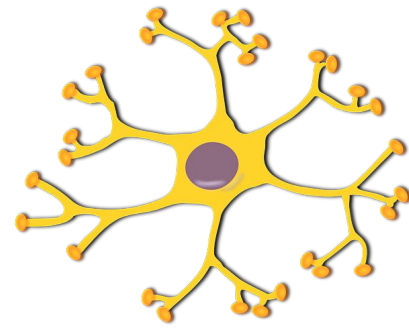
The skeletal system



The **muscular system** is made up numerous **muscles**, which make the skeletal system move and work.

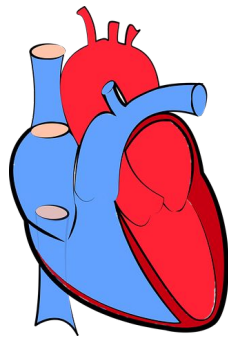
The muscular system





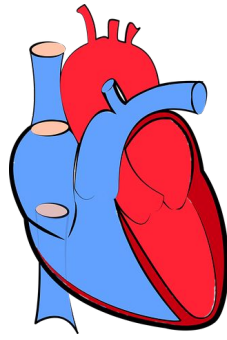
The **nervous system** is the communication system in the body. The main organs in this system are the brain, **spinal cord** and **nerves**.

The **endocrine system** works alongside the nervous system to regulate the body. This system consists of **hormones** and **glands**.



The **cardiovascular system** is the circulatory system. The main organ is the heart, which pumps **blood** around a circuit of **arteries**, **veins** and **capillaries**.

The cardiovascular system



Blood is the primary tool in the cardiovascular system. It's made up of liquids, **plasma**, and solids, **white blood cells**, **red blood cells** and **platelets**.

The **lymphatic system** is part of the immune system which protects us from infection and disease. It is made up of **lymph nodes** and **vessels**, lymphatic organs and lymphoid tissues.

The **respiratory system** is primarily in place to ensure oxygen travels through our body. The main organ is the lungs, through which we breathe.

The **digestive system** processes food from the moment it enters the mouth to when it leaves the body through **excretion**. It consists of many organs, including the stomach, intestines and **oesophagus**.

The **urinary system** ensures the volume of fluids in the body is regulated. It rids the body of waste products.

The **reproductive system** allows humans to ensure survival of the species by producing offspring.

The human body isn't limited to these 10 systems, there are many more, including the integumentary system (**skin**) and the renal system.