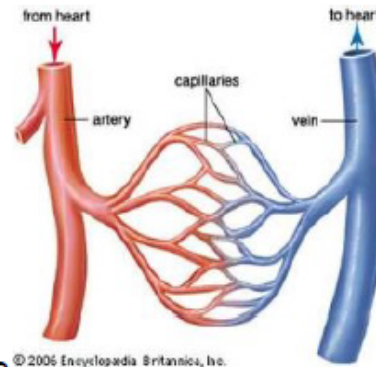


# Animals including humans: What makes my body work?

## Key information

- The circulatory system is made of the heart, lungs and the blood vessels.
- Arteries carry oxygenated blood from the heart to the rest of the body.
- Veins carry deoxygenated blood from the body to the heart.
- Nutrients, oxygen and carbon dioxide are exchanged via the capillaries.



## What I should already know

- Which things are living and which are not.
- Classification of animals (e.g. amphibians, reptiles, birds, fish, mammals, invertebrates)
- Animals that are carnivores, herbivores and omnivores.
- Animals have offspring which grow into adults.
- The basic needs of animals for survival (water, food, air)
- The importance of exercise, hygiene and a balanced diet.
- Animals get nutrition from what they eat.
- Some animals have skeletons for support, protection and movement.
- The basic parts of the digestive system.
- The different types of teeth in humans.
- **Respiration** is one of the seven life processes.
- The life cycle of a human and how we change as we grow.

## Vocabulary

- Aorta
- Arteries
- Blood vessels
- Capillaries
- Carbon dioxide
- Circulatory system
- Deoxygenated
- Heart
- Lungs
- Nutrients
- Organ
- Oxygen
- Oxygenated
- Pulse
- Respiration
- Vein
- Vena cava
- Ventilation

## What I will know by the end of the unit

- I can identify and name the main parts of the human circulatory system.
- I can describe the functions of the heart, blood vessels and heart.
- I know that diet, exercise, drugs and lifestyle affect the way my body functions.
- I know why is exercise so important?
- I can explain how nutrients and water are transported in animals, including humans.