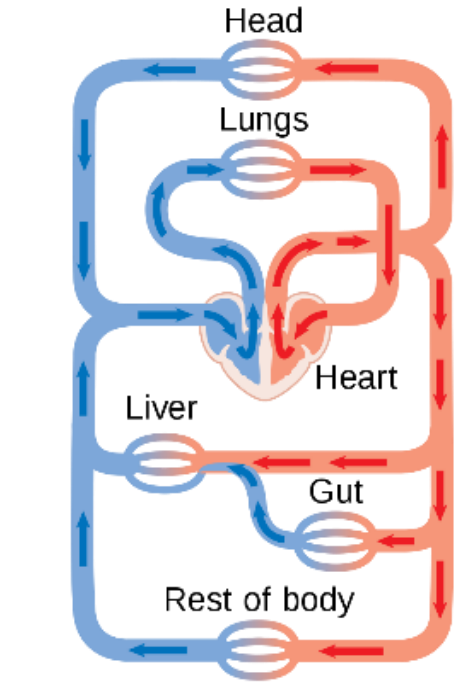
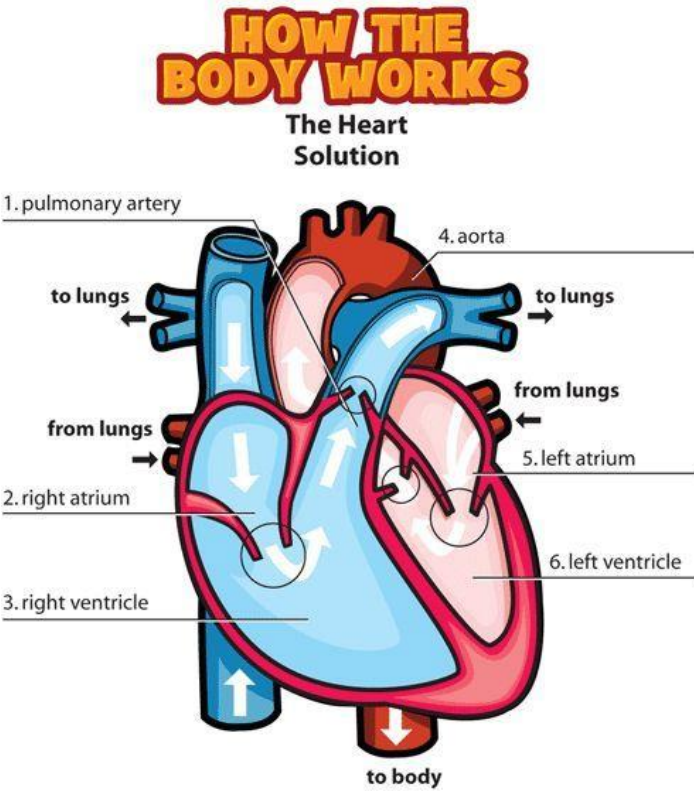
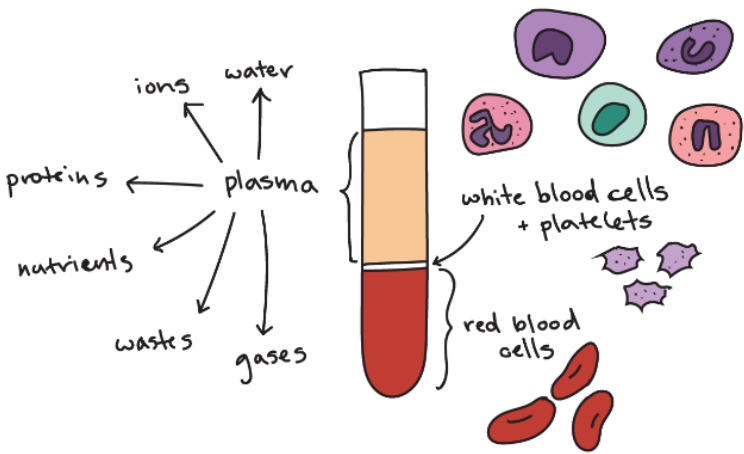
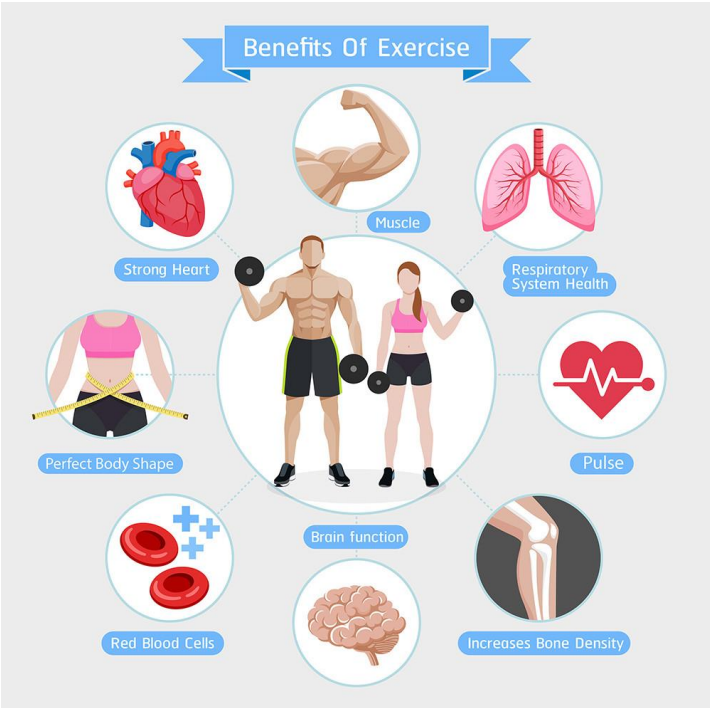


By the end of the unit, pupils will be able to answer...

- Which organs make up the circulatory system and what does each organ do?
- How does diet, exercise, drugs and lifestyle impact on our bodies?
- How are water and nutrients transported within animals?

Vocabulary	Definition
blood	the red fluid that circulates oxygen around the bodies of animals
blood vessels	the tubes through which blood travels: arteries, veins and capillaries
carbon dioxide	a gas that is a waste product of animals and is used by plants to photosynthesise
circulatory system	the system in which blood travels around the body
diet	the food and drink usually consumed by an animal
drugs	chemicals which create changes within the body – can be legal or illegal
heart	an organ that is used to pump blood around the body
lungs	organs that are used for breathing
oxygen	a gas that is necessary for life – without it our bodies stop working
pulse	the beat produced when blood flows through an artery



Investigate!

- Create a role play or model of the circulatory system.
- Conduct a fair test on the effect of different activities on the pulse rate.
- Explore which groups of people have higher or lower resting pulse rates.
- Find out how long it takes for pulse rates to return to normal.
- Research the negative effects of drugs and the benefits of a healthy diet and regular exercise.
- Question an expert about drugs, diets and exercise.