

# Year 6 Science Knowledge Organiser - Circulatory System

## Key Information

Blood acts as a transport system for oxygen, nutrients and waste within the body. It also protects the body against invading bacteria.

Blood is pumped around the body by the circulatory system.

The heart is a muscle which pumps blood around the body.

The heart is about the size of your fist.

Cigarettes and alcohol are a type of drug.

Medicines are a type of drug and are used to help people get better if they are ill.

It is important to get plenty of sleep to give your body time to recover and recharge for the next day.

Fish and insects have a different circulatory system to mammals.

Some animals have more than one heart—an octopus has 3!

## Vocabulary

**Blood vessels**

tubular structures that carry blood. These are veins or arteries.

**Circulatory system**

the system that contains the heart and the blood vessels and moves blood throughout the body.

**Plasma**

(a straw-coloured liquid) which transports dissolved food, mineral salts and waste products.

**Red blood cells**

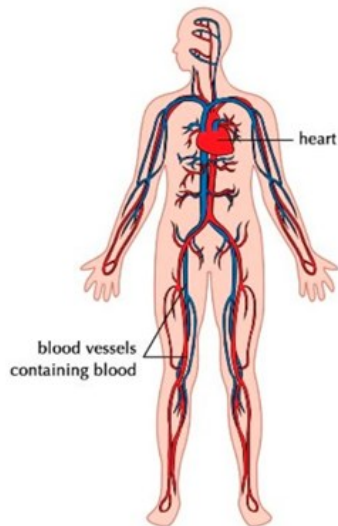
transport oxygen around the body.

**White blood cells**

kill bacteria by engulfing them

**Platelets**

help blood to clot and wounds heal.



The heart

