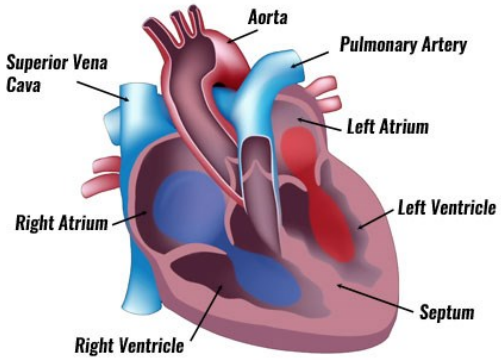
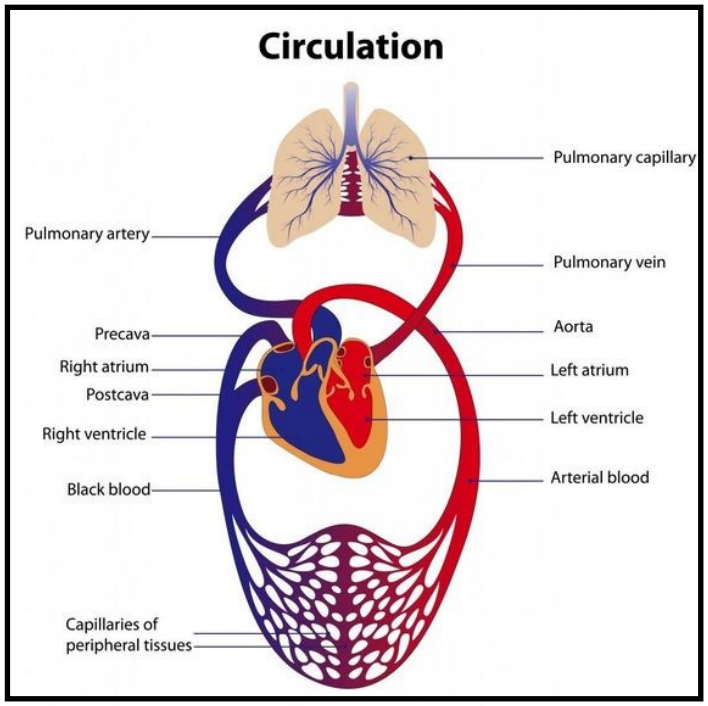
Animals Including Humans: The Circulatory System and Keeping Healthy Year 6





Key Questions

What is the function of the circulatory system and how does it work?

What organs are part of the circulatory system?

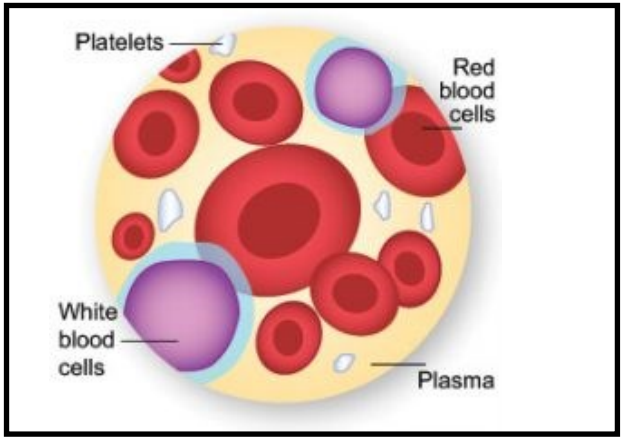
How are nutrients and water transported?

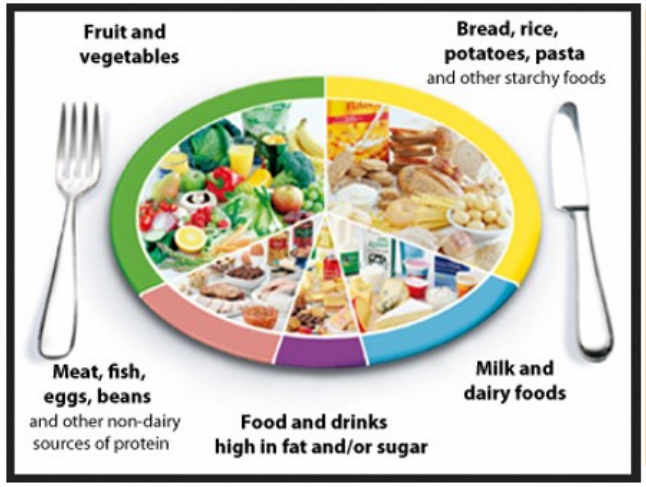
Why should we follow a healthy lifestyle and how do diet, exercise, drugs and lifestyle impact the way our bodies function?

Prior learning

In **year 3** you looked in detail at the importance of **eating healthy.** We will revise this and also look at other ways to be healthy, such as exercise.

In **year 4** you learnt about the main organs in the body, in particular the **digestive system.** We will continue to name the main organs and extend our learning to a new system: the circulatory system.





Key vocabulary

organism	Any living thing: can be animal, plant or single-celled life form
organ	A group of tissues in a living organism that perform a specific function
circulatory system	The system which circulates blood through the body
heart	The organ which pumps the blood through the circulatory system
oxygenated	Full of oxygen
deoxygenated	No or little oxygen
vein	The tubes in the circulatory system which carry deoxygenated blood back to the heart
artery	The tubes which carry oxygenated blood from the heart to all parts of the body
capillary	A type of blood vessel which connect arteries and veins
vessel	A tube in which a blood is carried and transported
muscle	A soft tissue which produce force and motion
pulse	The rhythmic dilation of an artery generated by the heart beating
nutrients	Substances which are needed to stay alive and healthy
drug	A medicine or substance which has an effect on the body
diet	The kinds of food a person eats