



Animals Including Humans

Year 6

Think deeply about...

What would happen if part of the circulatory system were to fail?

Which part of the circulatory system is the most vital?

Drugs: Kill or Cure?

How do different exercises effect my pulse rate?

Learn...

The main parts of the human circulatory system.

Why is blood pumped to all parts of the body?

What happens when you breathe in and out.

What the function of blood is.

The names and functions of the three types of blood vessels.

The effect exercise has on your pulse rate.

The importance of exercise on your health.

The food groups and what they do for our bodies.

How drugs, alcohol and tobacco affect the body.

First aid.

Use...

oxygen- a colourless, odourless reactive gas, the life-supporting component of the air.

carbon dioxide- a colourless, odourless gas produced by burning carbon and organic compounds and by respiration.

chambers- the four areas of the heart.

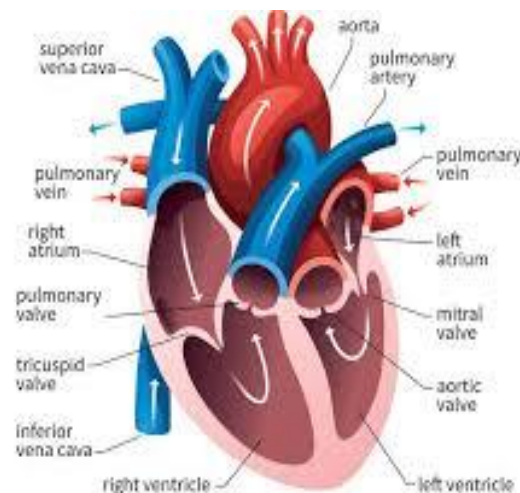
arteries- any of the muscular-walled tubes forming part of the circulation system by which blood (mainly that which has been oxygenated) is conveyed from the heart to all parts of the body.

veins- any of the tubes forming part of the blood circulation system of the body, carrying in most cases oxygen-depleted blood towards the heart.

capillaries- any of the fine branching blood vessels that form a network between the arterioles and venules.

heart- a hollow muscular organ that pumps the blood through the circulatory system by rhythmic contraction and dilation. In vertebrates there may be up to four chambers (as in humans), with two atria and two ventricles.

pulse- a rhythmical throbbing of the arteries as blood is propelled through them, typically as felt in the wrists or neck.



Explore...

<http://www.sciencekids.co.nz/sciencefacts/humanbody/heart.html>

https://www.youtube.com/watch?v=eVG45_iF9U

<https://easyscienceforkids.com/the-human-heart-video-for-kids/>