

## Key Vocabulary:

### Circulatory system –

The system that moves blood, oxygen and nutrients through the body. An example of the circulatory system is the functioning of the human heart, blood and blood vessels.

**Blood vessels** – A tubular structure carrying blood through the tissues and organs

**Nutrient** – a substance that provides nourishment essential for the maintenance of life and for growth

**Transported** – Move from one place to another

**Lifestyle** – A circuit that has more than one resistor, but only one path through which the electricity (electrons) flows

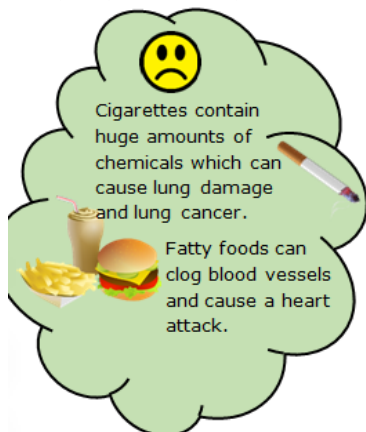
**Function** – How a body works

**Develop** – Grow, change, become more mature e.g. a baby to adulthood and old age

**Transfusion** – Blood from others can be pumped into the body. There are 4 main blood groups: A, B, AB and O

**Alveoli** – Tiny sacs within our lungs that allow oxygen and carbon dioxide to move between the lungs and the bloodstream

## Staying Healthy:



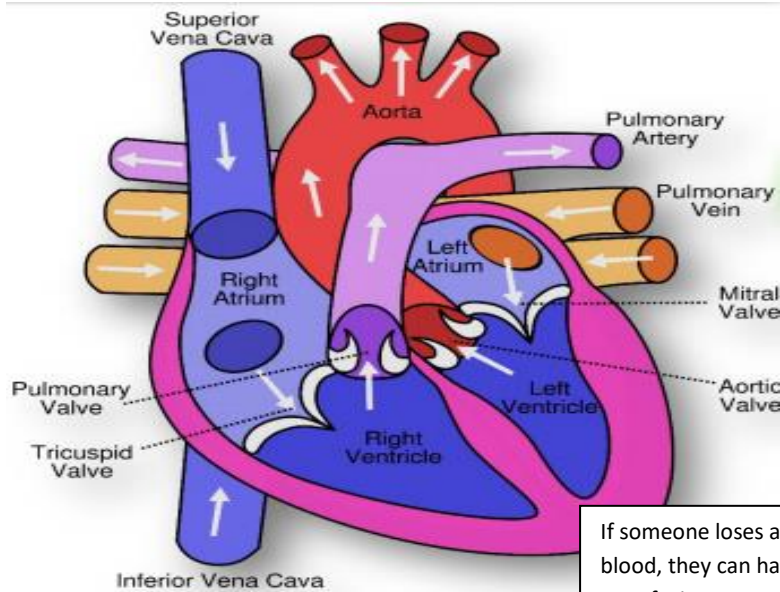
## Holy Family Halewood Year 5 & 6 Science Animals Including Humans



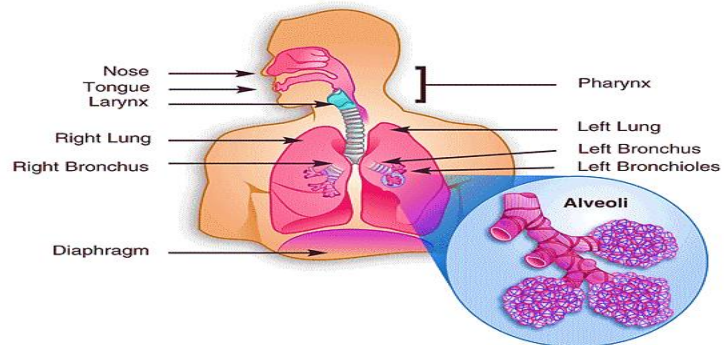
## Learning Objectives:

- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- Learn how nutrients and water are transported within animals, including humans
- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- Describe the changes as humans develop to old age

## The Circulatory and Respiratory System:



If someone loses a lot of blood, they can have a transfusion.



## Human Growth:

