



Year 6      Animals Including Humans      Spring 1      Science

I Will Know

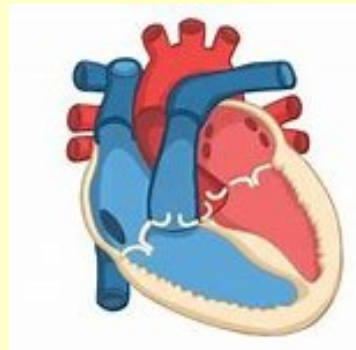
- The main parts of the human heart and circulatory system.
- The impact of diet, exercise, alcohol and drugs on the human body.
- The ways nutrients are transported through the bodies of humans and animals.

Prior Learning and Links

- I will use my prior learning from Animals including Humans:
- Year 2—knowing the importance of exercise, hygiene and eating the right foods.
  - Year 3—animals and humans need the right amount of nutrition. Humans have skeletons and muscles to support their bodies.
  - Year 4- the human digestive system including teeth
  - Year 5—how humans develop in old age.

Key Learning

- Key Questions:
- What are the main parts of the human circulatory system?
  - How does the heart function?
  - How do the lungs function?
  - How does exercise change your pulse rate?
  - How are nutrients transported in the bodies of plants and animals?
  - What impact does diet and exercise have the human body?
  - What impact do alcohol and drugs have on the human body?



Vocabulary	Definition
Circulatory System	A system including the heart, veins, arteries and blood transporting around the body
Heart	An organ which constantly pumps blood around the body
Pulmonary	Relating to the lungs.
Alveoli	Tiny air sacs in the lungs where gas exchange takes place
Nutrients	Substances animals and humans need to stay alive
Villi	Structure in the small intestines which absorb nutrients.

Diagrams and Symbols

