



**Year 6 Science - Biology**  
**Knowledge Organiser**  
**Animals including Humans**

**What do I need to know and be able to do:**

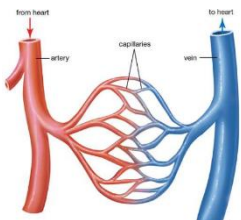
- Name the main parts of the human circulatory system.



- Describe the functions of the heart, blood vessels and blood.
- Understand the impact of diet, drugs and exercise and the way our bodies function.



- Describe how nutrients are transported around the body.



**What I have remembered from previous years:**

1. That humans get their nutrition from what they eat.
2. Humans and animals have skeletons and muscles for support, protection and movement.
3. I can describe the basic functions of the digestive system in humans.
4. I can describe the changes in humans from being born to old age.

**Vocabulary**

**Artery** = A blood vessel which carries blood **AWAY** from the heart.

**Blood** = Pumped around the body and inside it transports: nutrients, water, oxygen and waste products

**Capillary** = Small blood vessels that connect other larger blood vessels together.

**Circulatory System** = The system that circulates blood around the body, consisting of the heart, lungs, blood vessels and blood.

**Drug** = Something that you take that changes how your body works. There can be legal drugs such as medicine and alcohol and illegal drugs that can be very harmful to your body.

**Nutrients** = A substance that provides nourishment essential for the maintenance of life and for growth.

**Organ** = A part of a living thing that has a vital function to maintain life.

**Pulse** = The movement of blood through blood vessels that you can feel in your wrist or neck.

**Red Blood Cells** = Cells that carry oxygen around the body.

**Vein** = A blood vessel that takes blood **BACK** to the heart.

**White Blood Cells** = Cells that help fight against disease.