

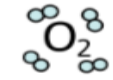

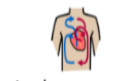


Prior learning: They know which things are living and which are not and classify animals into groups and by what they eat. They know the basic needs of animals for survival and the importance of exercise, hygiene and a balanced diet. They know the basic parts of the digestive system and the different types of teeth in humans. They know that respiration is one of the seven life processes and that the life cycle of a human and how we change as we grow.

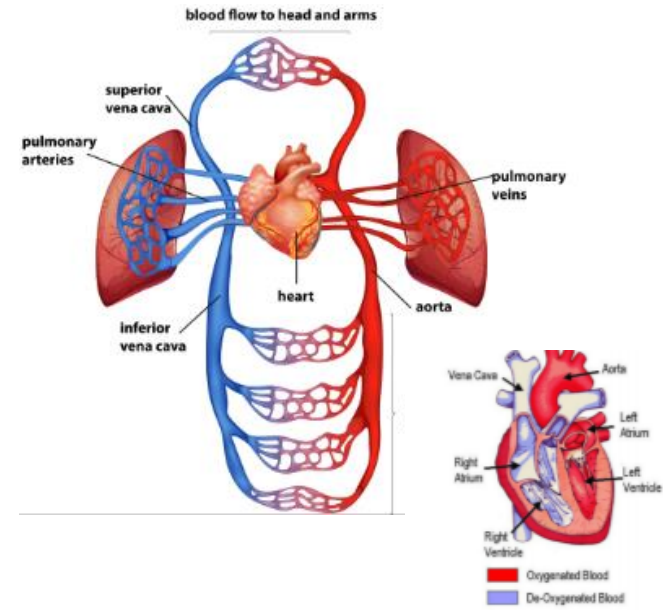
What we are learning

<p>Lesson 1: (K) To identify factors that affect our health and how to reduce their negative impact. (WS) To evaluate sources of information.</p>	<p>Lesson 2: (K) To summarise the key structures and purpose of the circulatory system.</p>	<p>Lesson 3: (K) To identify the key roles of blood. (WS) To evaluate a model.</p>	<p>Lesson 4: (K) To explore the relationship between animal size and heart rate. (WS) To interpret patterns in data.</p>	<p>Lesson 5: (K) To explore the relationship between exercise and heart rate. (WS) To write a method.</p>	<p>Lesson 6: (K) To describe the relationship between heart rate and fitness. (WS) To draw a line graph.</p>
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Key vocabulary

blood vessel	The narrow tubes through which your blood flows. Arteries, veins and capillaries are blood vessels.	 blood vessel
pulse	The regular beating of blood through your body. How fast or slow your pulse is depends on the activity you are doing.	 pulse
oxygen	A colourless gas that plants and animals need to survive	 oxygen
carbon dioxide	A gas produced by animals and people breathing out	 carbon dioxide
circulatory system	The system responsible for circulating blood through the body, that supplies nutrients and oxygen to the body and removes waste products such as carbon dioxide.	 circulatory system

Scientists to explore
William Harvey/ Ruth Ella Moore



- The **heart** is composed of four chambers; the right **atrium**, the right **ventricle**, the left **atrium** and the left **ventricle**.
- How often your **heart** pumps is called your **pulse**.