

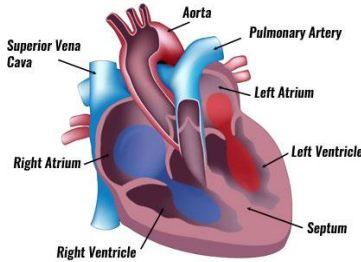


Science: What would a journey through your body look like?

Subject Specific Vocabulary			Exciting Books										
Aorta	The main artery in mammals that carries blood from the left ventricle of the heart to all the branch arteries in the body except those in the lungs		<h3>Key Sticky Knowledge</h3> <ul style="list-style-type: none"> Exercise is important to improving your health and reducing the risk of developing illness and disease A healthy diet provides the body with essential nutrients to provide the body with energy and maintain or improve overall health The digestive system is made up of organs that are important for digesting foods and liquids Important parts of the digestive system include the mouth, pharynx (throat), oesophagus, stomach, small intestine, large intestine, rectum and anus The circulatory system is made up of blood vessels that carry blood away and towards the heart 										
Arteries	A blood vessel that is part of the system carrying blood under pressure from the heart to the rest of the body	<h3>Key People</h3> <table border="1"> <tr> <td>Claudius Galenus (Galen)</td> <td>Greek surgeon who played a crucial role in understanding the circulatory system</td> </tr> <tr> <td>William Harvey</td> <td>English scientist who is credited with discovering the circulatory system</td> </tr> <tr> <td>Henry Souttar</td> <td>Completed the world's first open-heart surgery at the Middlesex Hospital in 1925</td> </tr> <tr> <td>Christiaan Barnard</td> <td>Completed the world's first human heart transplant in South Africa in 1967</td> </tr> <tr> <td>Donald Ross</td> <td>Completed the UK's first human heart transplant at the National Heart Hospital, London, in 1968</td> </tr> </table>		Claudius Galenus (Galen)	Greek surgeon who played a crucial role in understanding the circulatory system	William Harvey	English scientist who is credited with discovering the circulatory system	Henry Souttar	Completed the world's first open-heart surgery at the Middlesex Hospital in 1925	Christiaan Barnard	Completed the world's first human heart transplant in South Africa in 1967	Donald Ross	Completed the UK's first human heart transplant at the National Heart Hospital, London, in 1968
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Atrium	One of the upper chambers of the heart that takes blood from the veins and pumps it into a ventricle												
Capillaries	A narrow thin-walled blood vessel that connects small arteries with small veins to form a network throughout the body												
Carbon Dioxide	A heavy, colourless, odourless gas												
Cells	The cell is the basic unit of life. Some living things have a single cell, others have many. Human beings are made up of cells												
Circulatory	Relating to the circulation of the blood												
Contractions	A tightening or narrowing of a muscle, organ, or other body part												
Nutrients	A substance that provides nourishment												
Oxygen	A colourless, odourless gas that is essential for plant and animal respiration												
Pulse	the regular expansion and contraction of an artery, caused by the heart pumping blood through the body												
Veins	a blood vessel that carries blood to the heart												

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