

# Welholme Academy

**Topic:** Life on Earth (and Beyond)

**Year:** 6

**Enquiry Question:**

			<h2 style="color: green;">Sticky Knowledge about the circulatory system</h2>
<b>blood vessels</b>	Blood vessels are a series of tubes inside your body. They move blood to and from your heart.		
<b>drugs</b>	A drug is a chemical that is not food and that affects your body. Some drugs are given to people by doctors to make them healthy.		<ul style="list-style-type: none"> <li>• Your heart will beat about 115,000 times each day. Your heart pumps about 2,000 gallons of blood every day.</li> <li>•</li> </ul>
<b>atria</b>	The atria are the two upper most chambers of the heart. Blood is pushed from the atria to the ventricles.		<ul style="list-style-type: none"> <li>• The entire trip around your body only takes blood about 20 seconds in total. Blood is what is used to transport oxygen, waste, nutrients, and more throughout the body.</li> <li>•</li> </ul>
<b>William Harvey</b>	Was the first person to accurately describe the function of the heart and the circulation of blood around the body.		
<b>Cardiovascular</b>	The blood circulatory system (cardiovascular system) delivers nutrients and oxygen to all cells in the body.		<ul style="list-style-type: none"> <li>• The circulatory system includes the heart, blood vessels and blood, and is vital for fighting diseases and maintaining proper temperature.</li> <li>•</li> </ul>
<b>ultrasound</b>	An ultrasound machine uses sound waves to take pictures of the inside of the body.		<ul style="list-style-type: none"> <li>• <b>Identify and name the main parts of the human circulatory system.</b></li> <li>•</li> <li>• <b>Know the function of the heart, blood vessels and blood.</b></li> <li>•</li> <li>• <b>know the impact of diet, exercise, drugs and life style on health.</b></li> <li>•</li> <li>• <b>Know the ways in which nutrients and water are transported in animals, including humans.</b></li> <li>•</li> <li>• <b>Know who William Harvey was.</b></li> <li>•</li> </ul>
<b>cardiologists</b>	A cardiologist is a doctor with special training and skill in finding, treating and preventing diseases of the heart and blood vessels.		
<b>capillaries</b>	Capillaries are very thin blood vessels. They bring nutrients and oxygen to tissues and remove waste products.		
<b>pulse</b>	Your heart has to push so much blood through your body that you can feel a little thump in your arteries each time the heart beats		
<b>ventricles</b>	The ventricles are the two lower chambers in the heart.		