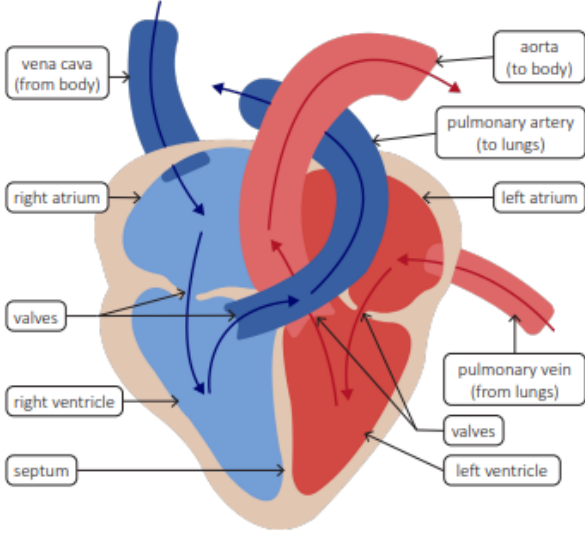


The Circulatory System

Knowledge	Important people and jobs	Vocabulary
The circulatory system is the system that moves blood around the body. It has three parts: the heart, blood vessels and blood. The pulse can be felt each time the arteries expand as blood is pumped through them from the heart. Heart rate is measured in beats per minute (bpm). The resting heart rate is the number of times your heart beats per minute when you are at rest. Heart rate increases during exercise. <u>Blood</u> The main function of blood is to transport the things the body needs, such as oxygen, other nutrients, hormones, antibodies and heat, around the body. It also transports carbon dioxide and other waste products for excretion. Blood has four components: plasma, red blood cells, white blood cells and platelets.	<u>A Cardiac Surgeon</u> A cardiac surgeon is a medical doctor who performs surgery on the heart and the major blood vessels around it. There are several different medical specialties that a cardiac surgeon may fall under, some of which have overlapping areas of focus. 	Artery Atrium Blood Blood vessel Capillary Clot Deoxygenate Antibody Organ Plasma Pulmonary artery Oxygen Nutrient Immunity Heart rate Haemoglobin 