

# Circulatory Systems

Types of Blood Vessels	Types of Systems	The human circulatory system consists of the _____, _____ and _____. They supply the body's cells with nutrients and _____ (from the respiratory system) and remove wastes like _____ from the body. The heart is made almost entirely of _____. The heart is divided into right and left halves by a wall called the _____. Each half of the heart has two chambers, the upper two chambers, called _____ receive blood from _____ returning to the heart. The lower two chambers, or _____, pump blood out of the heart via _____. The right side of the heart pumps blood to the _____. The left side of the heart pumps blood to the _____. Flaps called _____, prevent blood from flowing backward. _____ blood leaves the heart via the largest blood vessel, _____ and returns via the _____. Each contraction begins with an _____ impulse sent from the _____ (aka the pacemaker). The impulse travels down the _____ to the bottom of the ventricles, causing the heart to contract from the bottom up.
<b>Arteries:</b>	<b>Closed:</b>	
<b>Capillaries:</b>	<b>Open:</b>	
<b>Veins:</b>	<b>Grasshopper</b>	
Parts of Hearts	Earthworms	
<b>Atria:</b>		
<b>Ventricle:</b>		
<b>Pacemaker Cells:</b>		
Parts of the Blood		
<b>Plasma:</b>		
<b>Red Blood Cells:</b>		
<b>White Blood Cells:</b>		
<b>Platelets:</b>		
<b>Cardiovascular diseases</b> It is easier to prevent than cure. Prevention includes exercising regularly, eating a low-fat diet, controlling weight, and not smoking.	<b>Fish</b>	