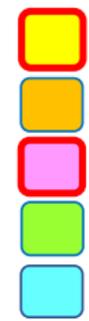
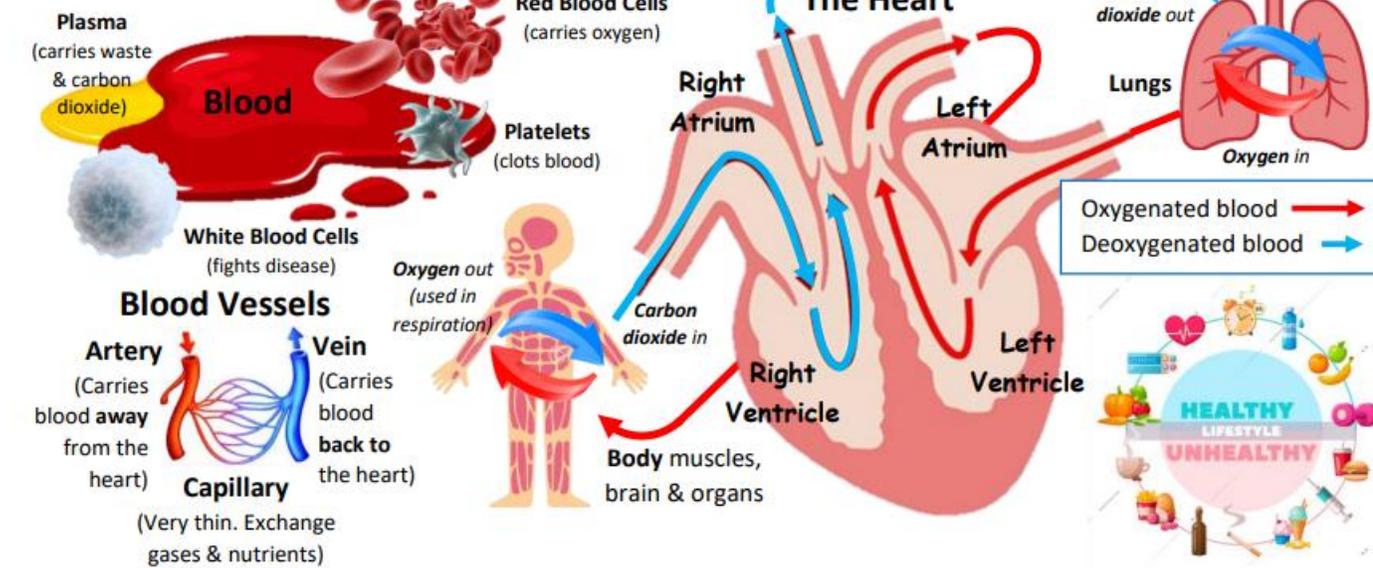


# Big Picture Model

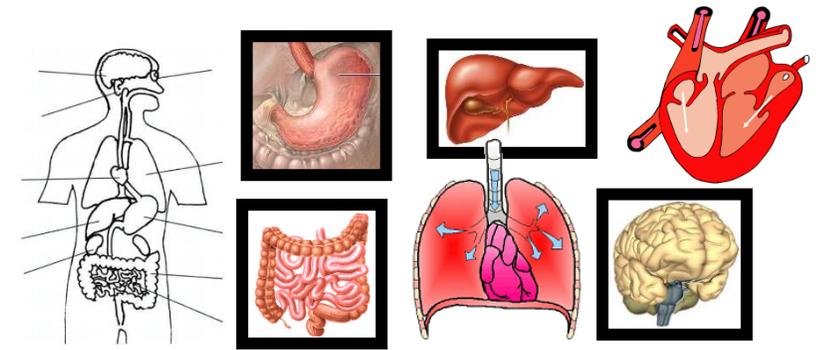
(Double Circulation System)



**Explaining Science**

**Designing Experiments**

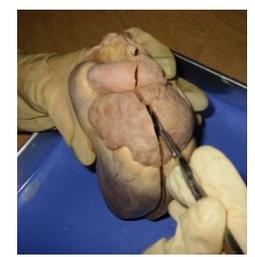
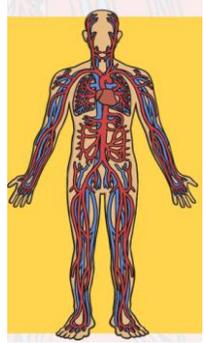
What is inside our body?



What keeps the blood pumping?

## Year 6 Animals including Humans: The Circulatory System

The Function of the Heart:	
1	Deoxygenated blood flows into the heart from the body through the veins
2	This blood is pumped out to the lungs through the pulmonary artery
3	Blood is then oxygenated in the lungs
4	Blood returns to the heart through the pulmonary vein
5	The oxygenated blood is then pumped out of the heart through the aorta
6	The blood travels around the body delivering oxygen and nutrients to the organs.



Key Words	variable	independent	dependent	controlled	reliable	hypothesis
circulation	artery	platelet	nutrients	fatigue		
heart	vein	lungs	energy	alcohol		
atrium	capillary	oxygen	exercise	tobacco		
ventricle	blood	carbon dioxide	heart rate	nicotine		
valve	plasma	pressure	recovery	drug		
vessel	red blood cell	white blood cell	oxygenated	deoxygenated		