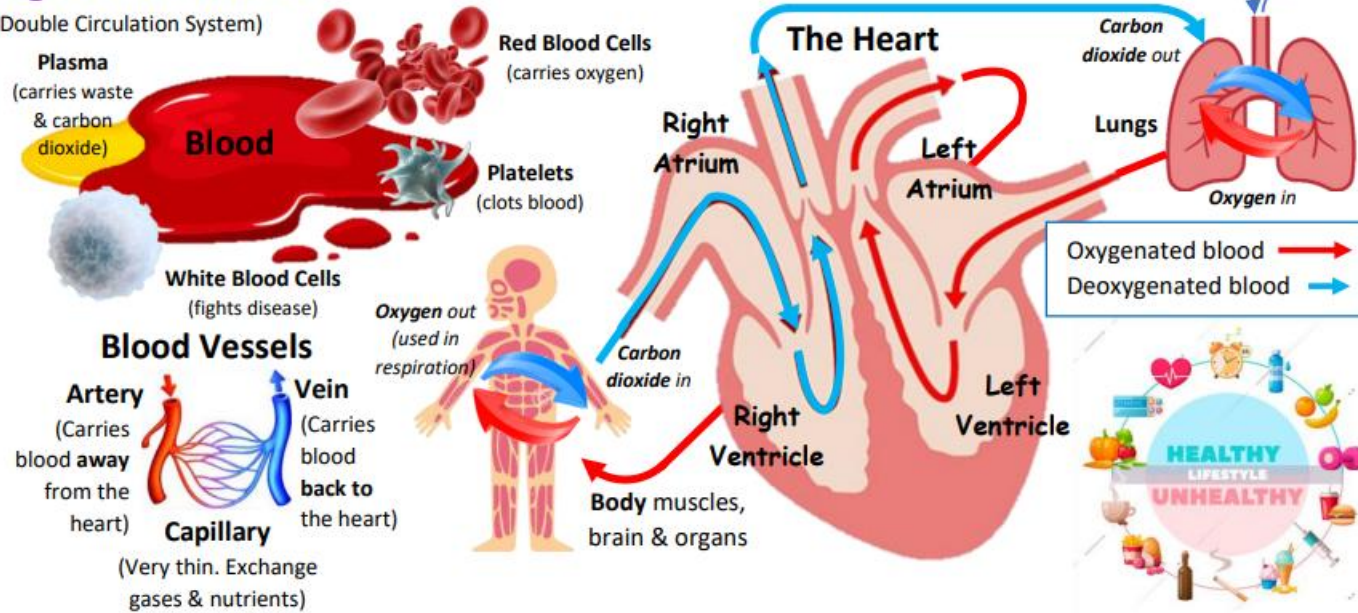


Big Picture Model

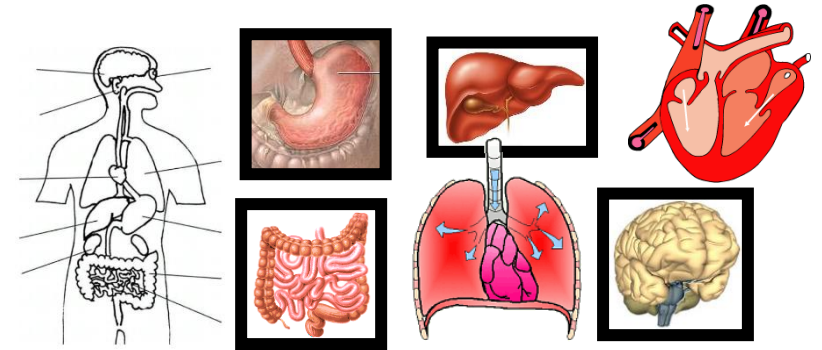
(Double Circulation System)



Explaining
Science

Designing
Experiments

What is inside our body?



What keeps the blood
pumping?

Year 6 Animals including Humans: The Circulatory System

Key Words

circulation

heart

atrium

ventricle

valve

vessel

variable independent dependent controlled reliable hypothesis

artery

vein

capillary

blood

plasma

red blood cell

platelet

lungs

oxygen

carbon dioxide

pressure

white blood cell

nutrients

energy

exercise

heart rate

recovery

oxygenated

fatigue

alcohol

tobacco

nicotine

drug

deoxygenated

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.

