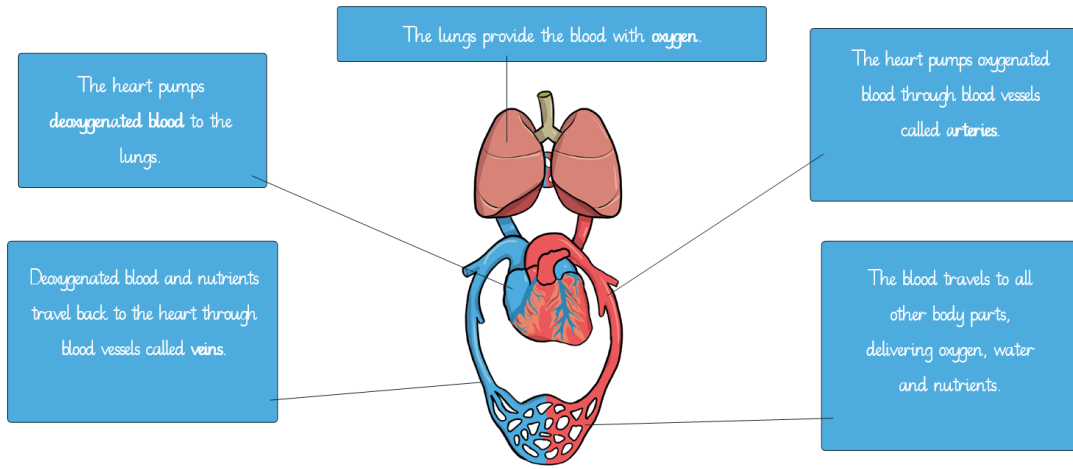


Year: 6
 Term: Spring 2
 Topic: Biology - Understand animals and humans



The circulatory system transports nutrients, water and oxygen to billions of cells around your body. It also carries away waster, such as carbon dioxide, that cells produce.

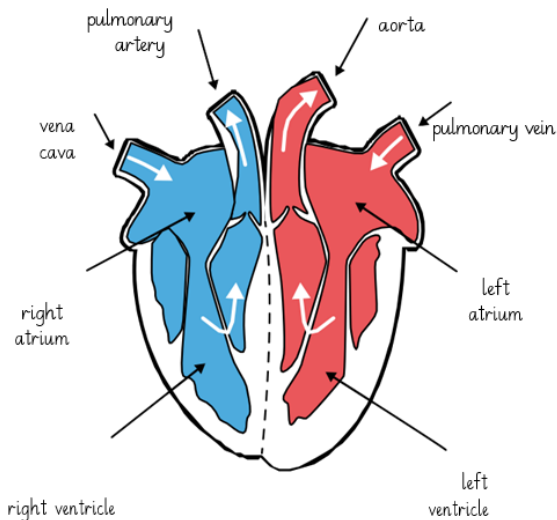
The Human Circulatory System



Glossary

- absorb** Take in or soak up.
- aorta** The main artery in the human circulatory system.
- arteries** Carry oxygenated blood away from the heart.
- atria** The upper chambers of the heart.
- blood vessels** The tubes that carry blood around the body.
- deoxygenated** Blood that is not carrying oxygen.
- heart** A muscle that pumps blood around the body.
- heart rate** The number of times our heart beats per minute.
- lungs** Spongy air filled organs that provide oxygen to the blood.
- nutrients** A substance that provides nourishment essential for the maintenance of life and for growth.
- oxygenated** Blood that is carrying oxygen.
- veins** Carry deoxygenated blood to the heart.
- vena cava** A large vein that carries deoxygenated blood into the heart.
- ventricles** The main chambers of the heart.
- villi** Finger-like structures that line the small intestine to absorb water and nutrients.

The Human Heart



We absorb water and nutrients through the food we eat. The small intestine is lined with villi.

Villi have veins and arteries running through them.

The blood in the arteries delivers oxygen to the intestine. Nutrients are absorbed into the blood, which are then taken away to other parts of the body.

Water is also absorbed in this way. The blood carries the water and nutrients to the parts of the body that need it.

