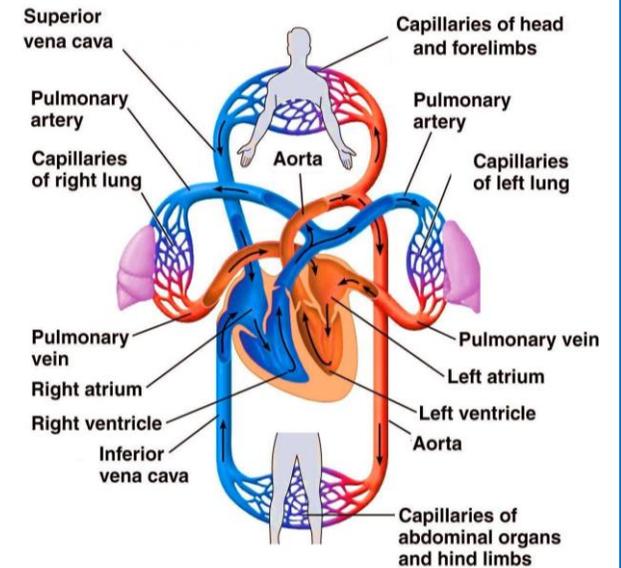


Year 6: Phoenix
Science
 Autumn 1

Circulatory system

The circulatory System



Key Vocabulary	Definition
aorta	The main artery of the body, supplying oxygenated blood to the circulatory system.
atrium (atria)	Each of the two upper chambers of the heart from which blood is passed to the ventricles.
capillaries	Any of the fine branching blood vessels that form a network.
diffusion	The spreading of something more widely.
haemoglobin	A red protein which is responsible for transporting oxygen in the blood.
heart rate	The frequency of the heartbeat measured by the number of contractions per minute.
nutrients	A substance that provides nourishment for growth and maintenance of life.
plasma	The colourless fluid part of the blood.
platelets	A small colourless disk-shaped fragment without a nucleus, involved in clotting.
pulmonary circuit	The part of the circulation system which begins with deoxygenated blood in the heart and goes to the lungs before returning to the heart oxygenated.
pulse	A rhythmical throbbing of the arteries.
red blood cells	These cells help to transport oxygen around the body.
systemic circuit	The part of the circulation system which begins with oxygenated blood in the heart and goes around the body before returning to the heart deoxygenated.
valves	A device for controlling the passage of fluid or air through a pipe.
veins	Blood vessels in the circulatory system.
ventricle(s)	Each of the two large chambers toward the bottom of the heart that collect and expel blood to the body and lungs.
waste products	The useless material that is produced when making something else.
white blood cells	These are the parts of the blood which help to defeat infections and form part of the immune system.

Parts of the heart

