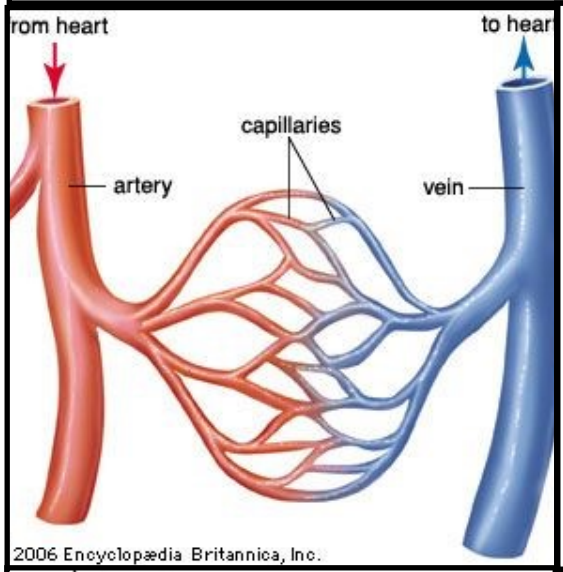
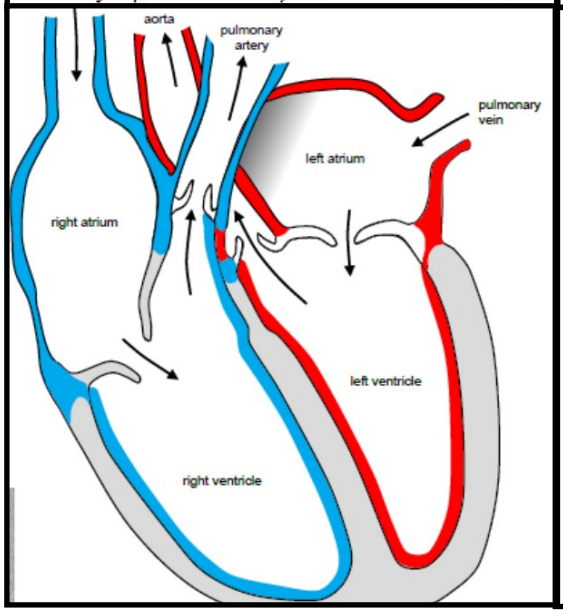
Y6 Ecclesall University of Medicine



Key Learning Objectives:

- identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- describe the ways in which nutrients and water are transported within animals, including humans



How you can help at home:

- Read books and information online about the body.
- Learn the vocabulary on the right.
- Measure pulse rate before and after exercise over a week. Are there any changes in your pulse rate over time?

Key Vocabulary

Word	Definition
circulatory system	the system that circulates blood through the body
oxygenated	rich in oxygen
deoxygenated	not rich in oxygen
blood vessels	tubular structures carrying blood through the tissues and organs - a vein, artery or capillary
veins	take blood to the heart
arteries	takes blood away from the heart
capillaries	fine branching blood vessels between the arteries and veins
blood cell	what blood is made up of *Red blood cells carry oxygen around the body.*
nutrients	a substance that is needed for healthy growth, development
oxygen	a gas needed by our body that we breathe in
carbon dioxide	a gas our body expels through breathing out