



## Key knowledge

Know about the function of the heart and the importance of blood in keeping us alive

Identify and name the main parts of the human circulatory system

Know the function of the heart, blood vessels and blood

Know the impact of diet, exercise, drugs and lifestyle on health

Know the ways in which nutrients and water are transported in animals, including humans

Know who William Harvey was

## Vocabulary

**atria**

The two uppermost chambers of the heart. Blood is pushed from the atria to the ventricles.

**cardiovascular**

The blood circulatory system (cardiovascular system) delivers nutrients and oxygen to all cells in the body.

**capillaries**

Are very thin blood vessels. They bring nutrients and oxygen to tissues and remove waste products.

**pulse**

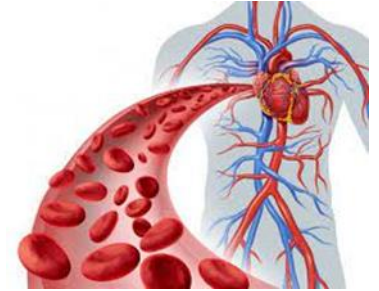
Your heart has to push so much blood through your body that you can feel a little thump in your arteries each time the heart beats.

**ventricles**

The two lower chambers in the heart.

**blood vessels**

A series of tubes inside your body. They move blood to and from your heart.



SCIENCE



Prior Knowledge –