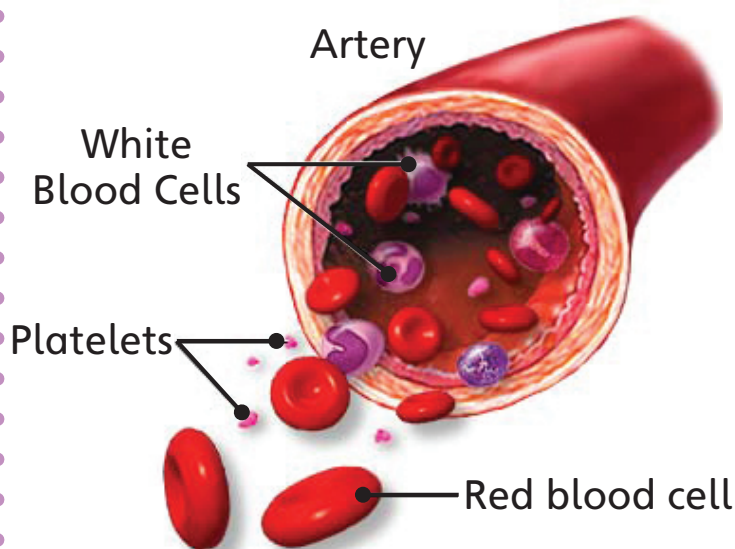


# Circulatory System

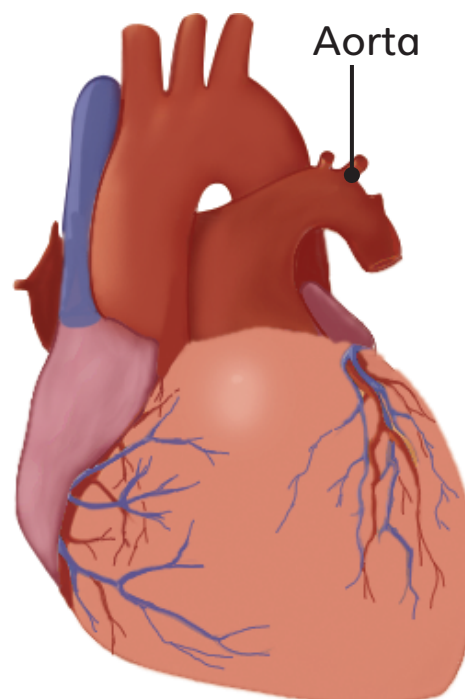
The circulatory system is made up of heart, blood and blood vessels. The blood carries oxygen to all organs of the body, and then takes carbon dioxide from all the organs to the lungs, where it is breathed out. The heart pumps blood to the different organs of the body through small and large blood vessels. These vessels are called arteries and veins.



## Circulatory System

### Blood

Blood is made up of cells and a special watery liquid called **plasma**. Blood flows in our arteries and veins and carries oxygen to all our body cells. It also carries waste materials away from our cells. It makes a round trip through our body in less than a minute. Blood has red and white cells. The **Red Blood Cells** (RBCs) are workers. They give the blood its red colour and



## External View of a Heart

### Heart

The heart is the most valuable part of our body. It constantly contracts and expands to pump blood to the different organs of the body. It is a pump that sends blood all round the body through a network of arteries, veins and capillaries so that every cell is continually supplied with the food and oxygen it needs.