

The Circulatory System

Listen very carefully to the information given on the Virtuali-Tee app to help you fill in the blanks with the words in the box.

oxygen	atria	ventricles
arteries	blood	lungs
blood	oxygen	capillaries
resting	arterioles	circulatory system
valves	heart	

Hello! I am your _____ and it's my job to make sure that your organs get the supplies they need to keep going, such as nutrients, hormones and, of course, oxygen. _____ is a fluid that flows through me to deliver these nutrients around your body.

A very important part of me is your _____, which constantly pumps your blood along over 60,000 miles of blood vessels!

Blood flows away from the heart through _____, which branch and narrow into _____, and then branch further into _____ where, inside the organs, nutrients and wastes are exchanged.

Your heart is made up of two separate halves, the right half receives blood that has had its _____ used up by the muscles and organs of your body; this "deoxygenated" blood is then pumped into the _____. The blood then collects a fresh supply of _____ and then travels back to the left side of the heart which pushes it all the way around the body.

Each half of your heart is also separated into two chambers - the top chambers are called the _____ and the lower chambers are the _____. As blood enters the atria, valves stop it from flowing backwards or down into the ventricles until the time is right. The _____ opening and closing are the sound of a heartbeat. The muscular walls of the ventricles then contract, which pushes the _____ up and out of the heart and back out into the body.

Your heart is always hard at work, even when you are _____. Today it will beat over 100,000 times!

The **ULTIMATE** way to learn
about the body



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