



# The Circulatory System

Use the words in the box to fill in the blanks.

veins	transport	circulatory	blood
arteries	oxygen	lungs	heart
nutrients	energy	carbon dioxide	pumped
capillaries	heat	to	intestine
away	rich	low	atmosphere

All animals need to \_\_\_\_\_ materials around to the different parts of their body. This is the job of the \_\_\_\_\_ system. The circulatory system consists of a liquid called \_\_\_\_\_, a pump called the \_\_\_\_\_ and a series of blood vessels called \_\_\_\_\_ and \_\_\_\_\_.

One thing that must be transported around is a gas called \_\_\_\_\_. Oxygen enters the blood through the \_\_\_\_\_. It is then \_\_\_\_\_ through the heart and around the body where it is used along with food to make \_\_\_\_\_. The body produces another gas called \_\_\_\_\_, which is a waste product. This gas is carried back to the heart and then to the lungs where it is released back into the \_\_\_\_\_.

The vessels that transport blood \_\_\_\_\_ from the heart are called arteries. The blood in arteries is \_\_\_\_\_ in oxygen. The vessels that transport blood \_\_\_\_\_ the heart are called veins. The blood in veins is \_\_\_\_\_ in oxygen. \_\_\_\_\_ are small vessels that join the arteries and veins and is the site of nutrient, gas, and waste exchange.

\_\_\_\_\_ from food are also transported around the body by the circulatory system. They enter the blood from the small \_\_\_\_\_. The circulatory system also helps to regulate temperature by transporting \_\_\_\_\_ around the body.