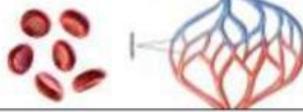


## Human Nutrition (Unit 1) (Liveworksheet 2)

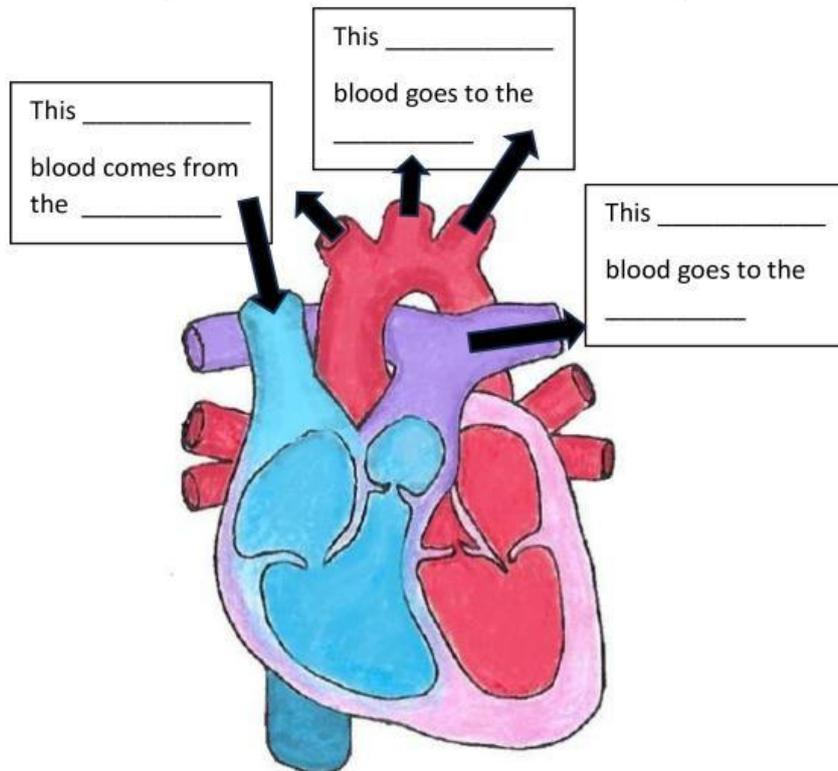
### The circulatory system

The circulatory system transports \_\_\_\_\_ and \_\_\_\_\_ to our **organs, bones, brain and muscles.**

The **heart**: An organ that \_\_\_\_\_ blood all around the body.

Veins	Arteries	Capillaries
Medium sized tubes that carry _____ from the cells back to the _____ (blood with <b>carbon dioxide CO<sub>2</sub></b> ).	Large tubes that carry _____ away from the _____ to the cells (blood with <b>oxygen O<sub>2</sub></b> ).	<b>Capillaries</b> are so small that only _____ can pass through, and these help with _____ ( <b>oxygen O<sub>2</sub></b> & <b>carbon dioxide CO<sub>2</sub></b> ).
		

### Label all the parts of the heart



## Respiration and gas exchange

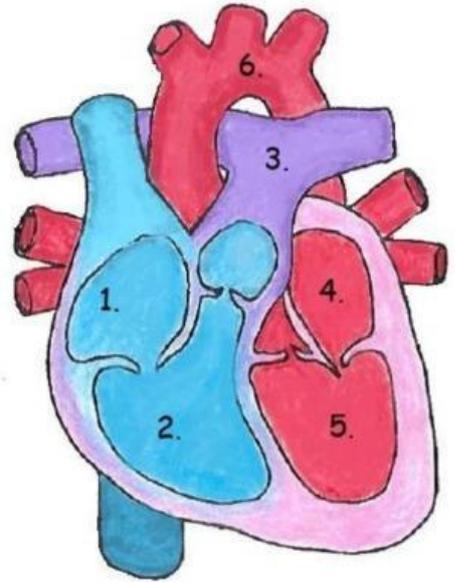
The \_\_\_\_\_ **blood** travels in the \_\_\_\_\_ and is sent to the \_\_\_\_\_ (1) and through the \_\_\_\_\_ (2).

The **deoxygenated blood** passes through the \_\_\_\_\_ (3) to the **lungs** to collect more \_\_\_\_\_.

In the **lungs**, the **capillaries** (which pass through the **a** \_\_\_\_\_ --> that are in the **b** \_\_\_\_\_ s --> that are in the **b** \_\_\_\_\_) absorb the **carbon dioxide** from the **deoxygenated blood** cells and in exchange provide \_\_\_\_\_ to these cells.

The blood is now \_\_\_\_\_, it passes into the \_\_\_\_\_ (4) and then to the \_\_\_\_\_ (5) of the **heart**.

The **oxygenated blood** & \_\_\_\_\_ are distributed by the **red blood cells** to the rest of the body through the \_\_\_\_\_ (6).



## The respiratory system

Label the parts of the respiratory system

