

Human Nutrition (Unit 1) (Liveworksheet 2)

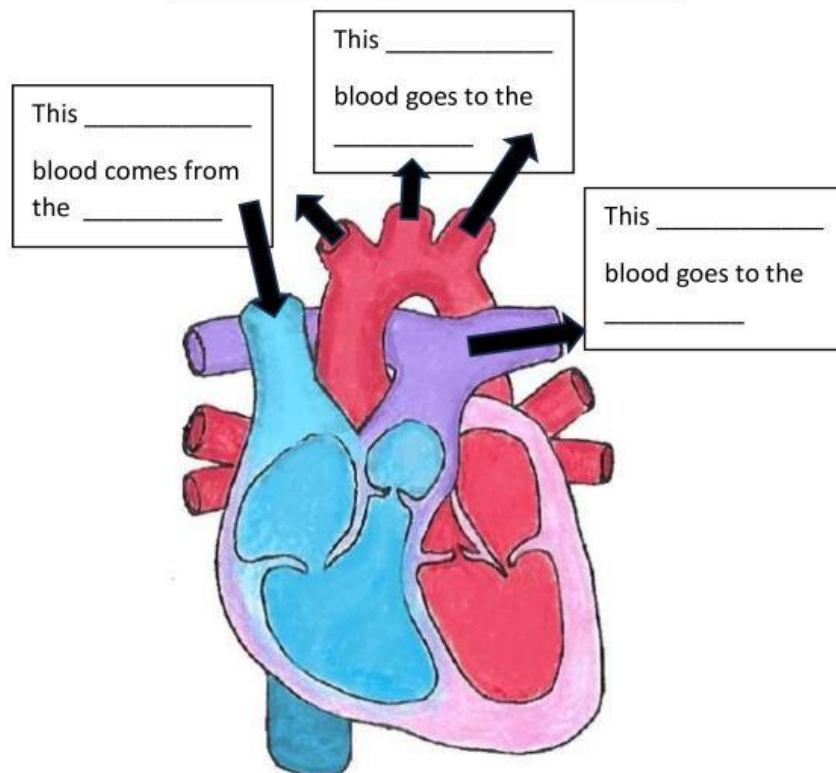
The circulatory system

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 carbon dioxide CO₂).	Large tubes that carry _____ away from the _____ to the cells (blood with oxygen O₂).	Capillaries are so small that only _____ can pass through, and these help with _____ (oxygen O₂ & carbon dioxide CO₂).
		

Label all the parts of the heart



Respiration and gas exchange

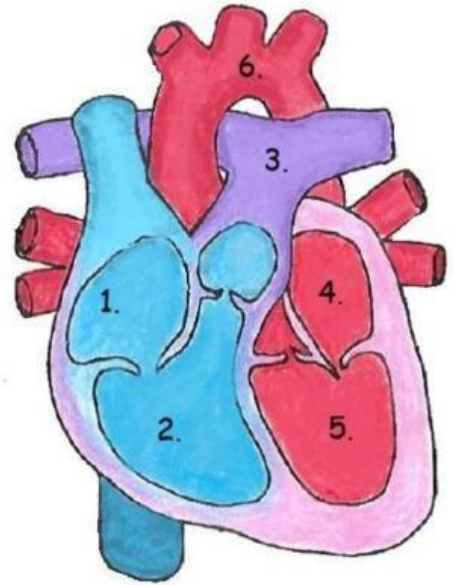
The _____ **blood** travels in the _____ and is sent to the _____ (1) and through the _____ (2).

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

