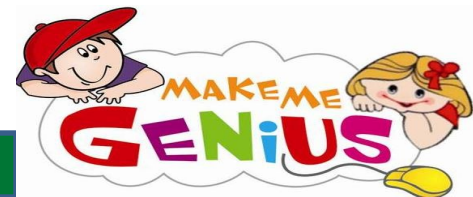
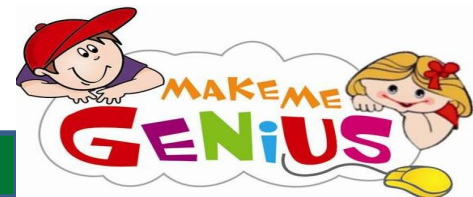
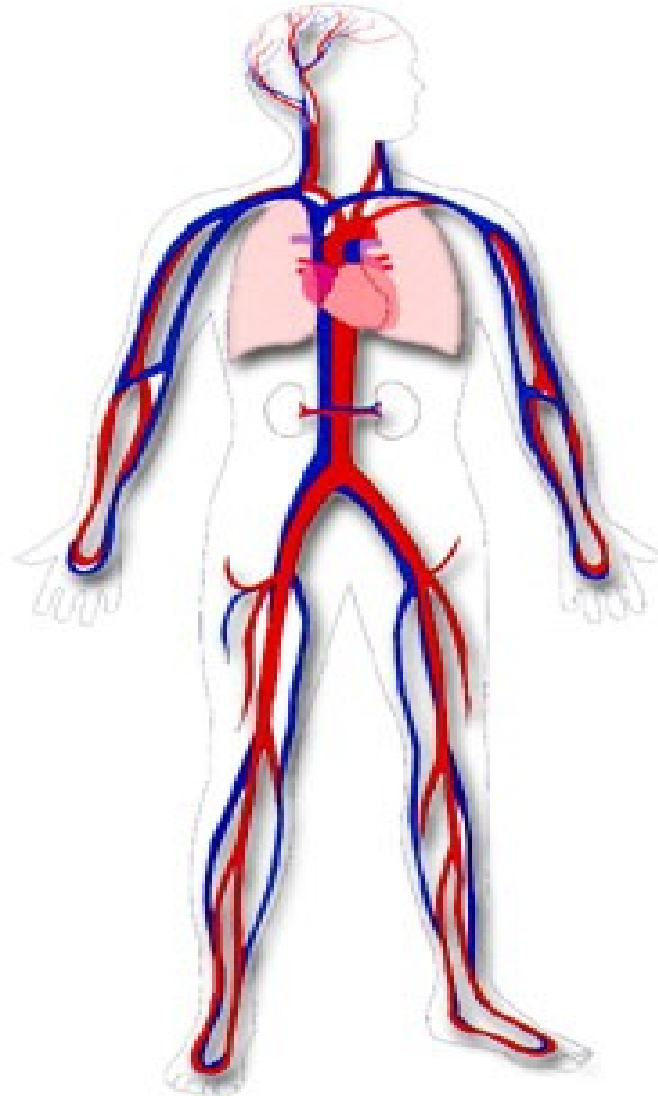


Make me read, make me understand “

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Human circulatory system



Human circulatory system

This system is one of the most important in the body.

It is made up of 3 main parts:

- **The heart**
- **The Lungs**
- **The blood vessels.**



Human circulatory system

Heart

Lungs

**Blood
pumping**



Body

Heart

Human circulatory system

Heart

Lungs

**Blood
pumping**



Body

Heart

The heart pumps blood to the lungs

Human circulatory system

Heart

Lungs

**Blood
pumping**



Body

Heart

The lungs remove the carbon dioxide from the blood and refill it with oxygen.



Human circulatory system

Heart

Lungs

**Blood
pumping**



Body

Heart

The heart then pumps the blood around the body.



Human circulatory system

Heart

Lungs

**Blood
pumping**



Body

Heart

The blood is transported all around the body, where oxygen is taken and replaced with carbon dioxide.



Human circulatory system

Heart

Blood
pumping

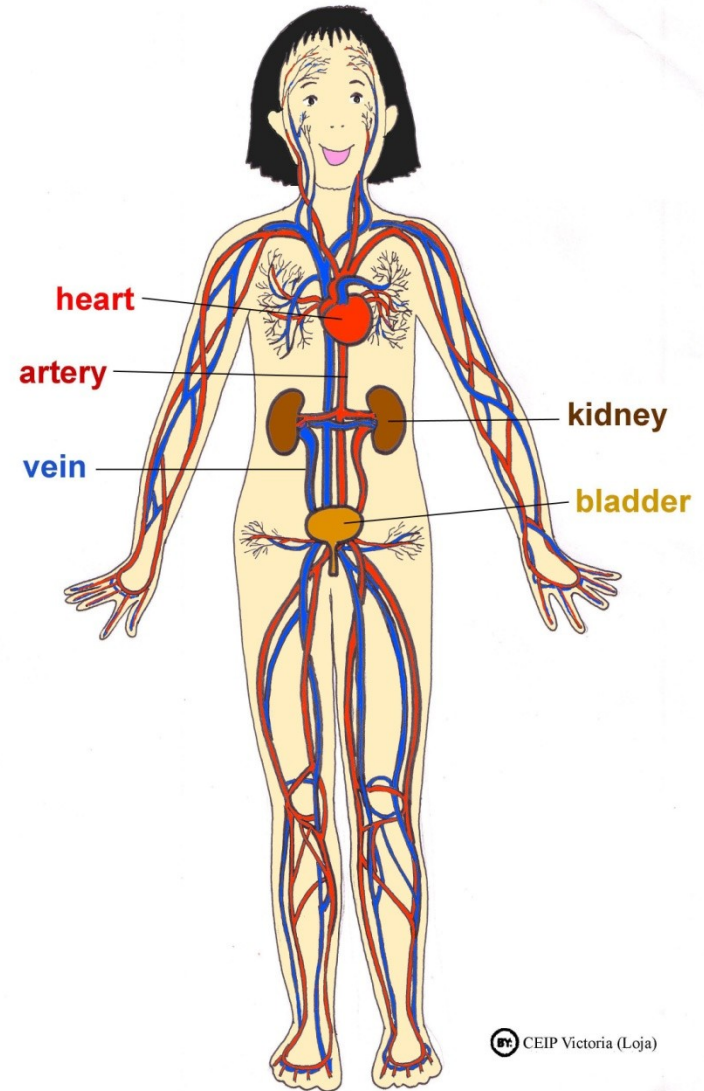


Lungs

Body

Heart

The blood is cleaned in the kidneys to remove all the waste before it returns to the heart.



CEIP Victoria (Loja)



Human circulatory system

Heart

Lungs

**Blood
pumping**



Body

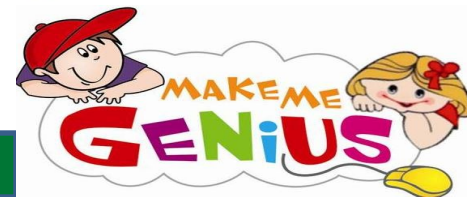
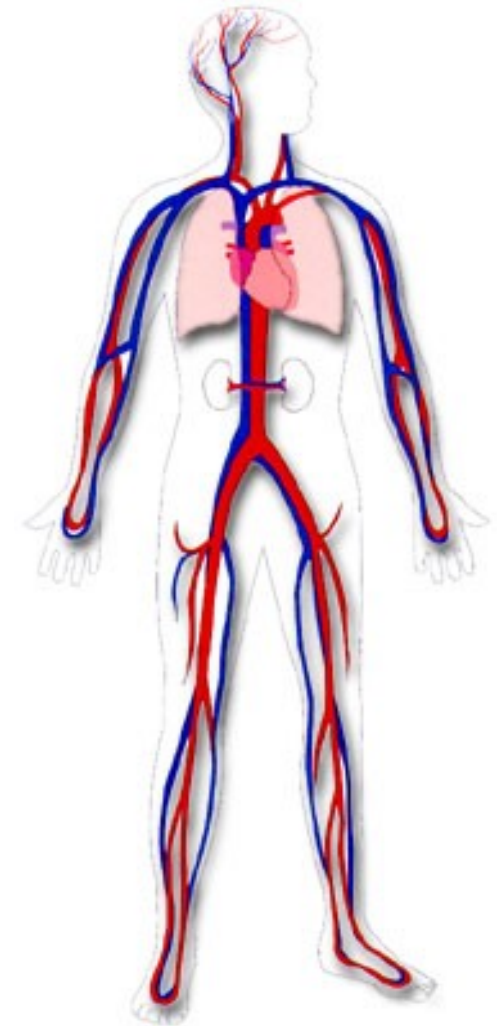
Heart

The cycle starts again

Human circulatory system

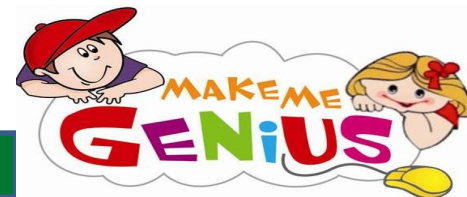
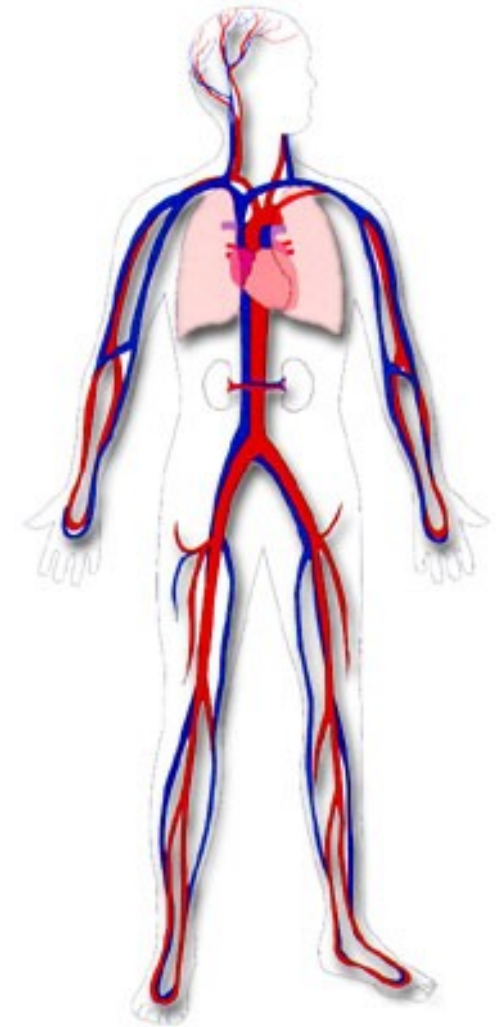
✓ The blood vessels run throughout the body **supplying oxygen to every cell in the body.**

✓ They are made up of 3 types – **arteries, veins and capillaries.**



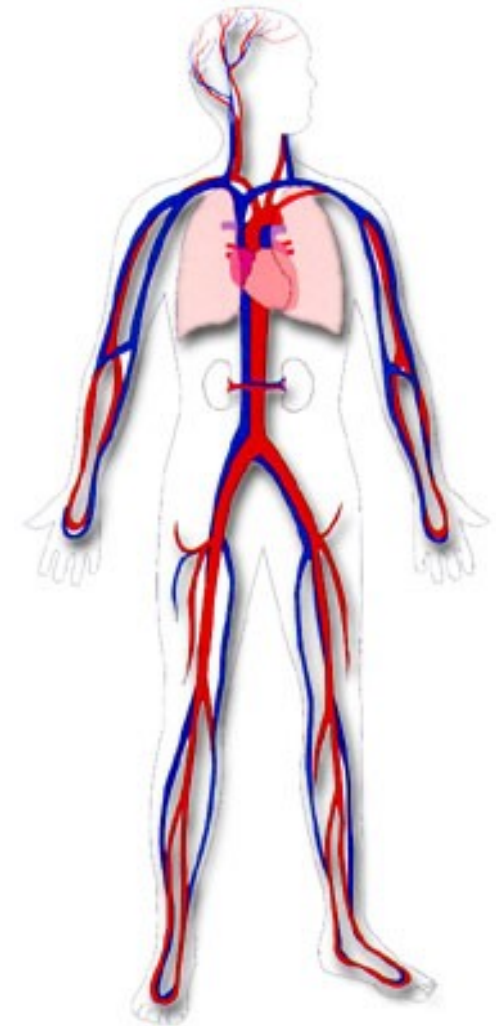
Arteries

- ✓ Arteries are **thick blood vessels** that you can easily feel in the form of a pulse.
- ✓ They transport oxygenated blood to the cells.
- ✓ As they are full of oxygen, they appear to be a **deep red colour**.



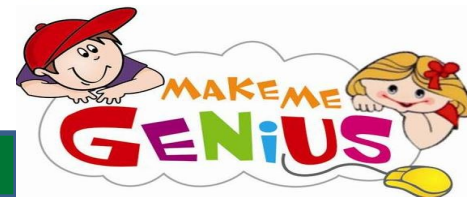
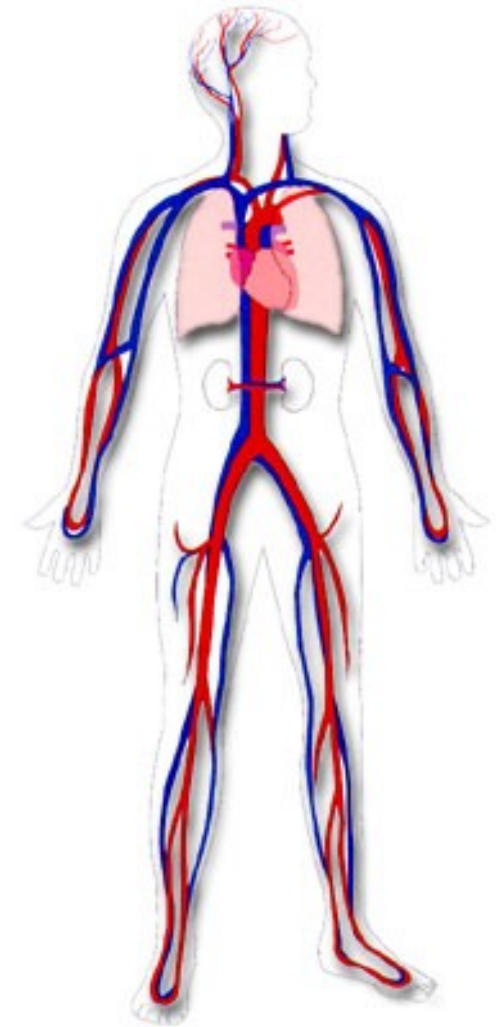
Veins

- ✓ Veins are **thick blood vessels**.
- ✓ They transport **blood back to the heart from the cells**.
- ✓ As they have little oxygen, they appear to be more a **blue colour than red**.



Capillaries

- ✓ Capillaries are **thin blood vessels**.
- ✓ They allow oxygen and nutrients to pass to the cells, and waste products and carbon dioxide to be removed from them.
- ✓ They are **small** to allow them to reach every cell in the body.



Thanks

Ishant Sinha
Shimla

