

Circulatory System Parts

twinkl

Aim

- I can identify and name the parts of the human circulatory system.

Success Criteria

- I can identify the parts of the circulatory system.
- I can name the parts of the circulatory system.

Systems in Your Body



The system we will look at for the rest of this lesson is called the:

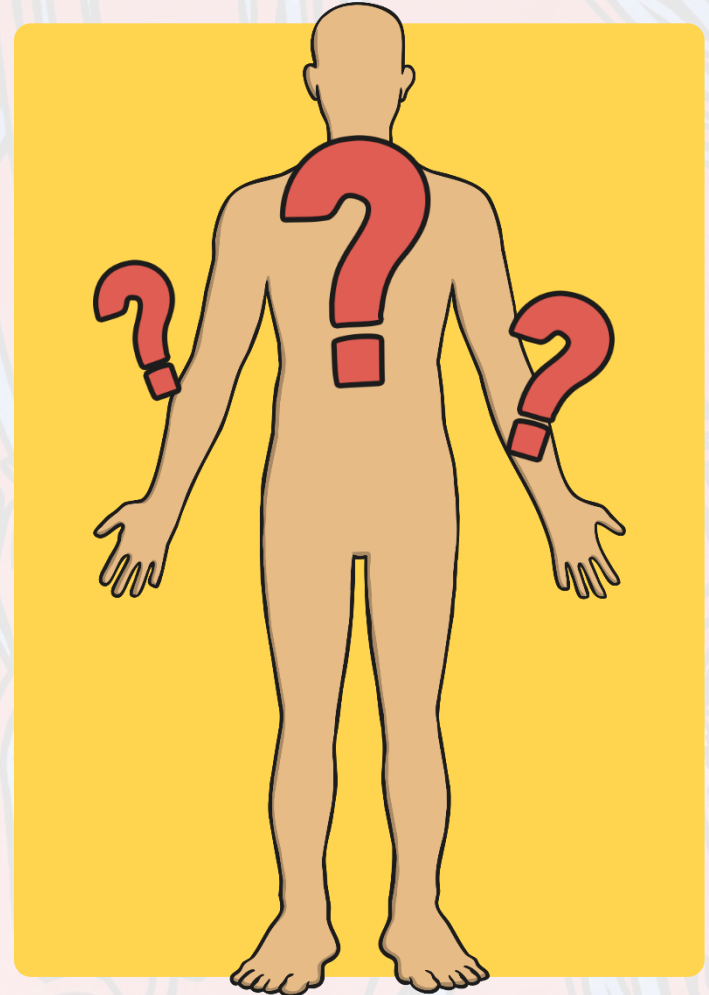
‘Circulatory System’.

The word **circulation** means ‘the movement to, fro or around something’.

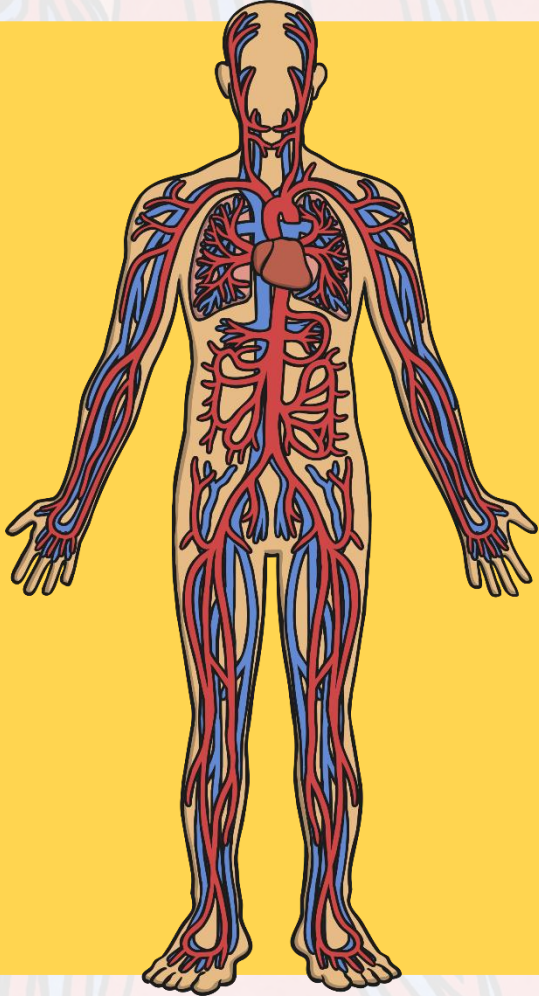
Discuss the following questions with your talk partner:

What does the system do?

What are the parts of the system?



The Circulatory System



What can you see?

Is this what you expected?

Are there parts you did not expect to be in the circulatory system?

Parts of the Circulatory System: Heart

The heart is a powerful organ that is situated between your lungs and protected by the ribcage.

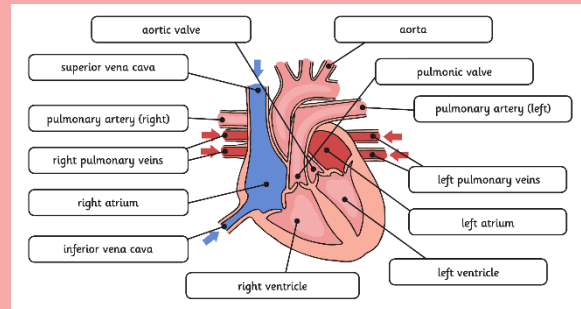
The heart pumps blood to the lungs to get oxygen.

The heart then pumps this oxygenated blood around the body.

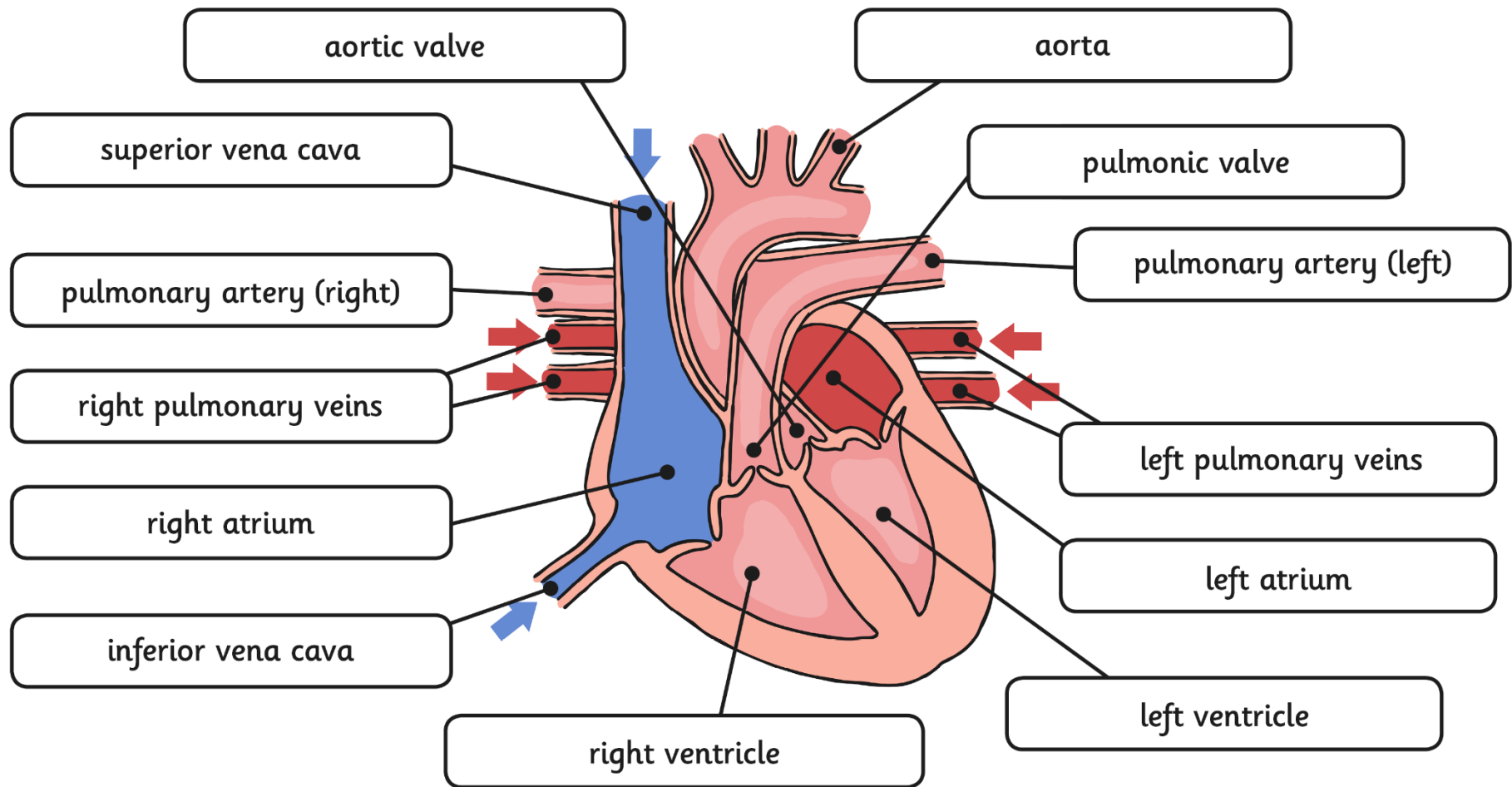
The heart is split between the left and right side.

As you can see, it consists of many parts!

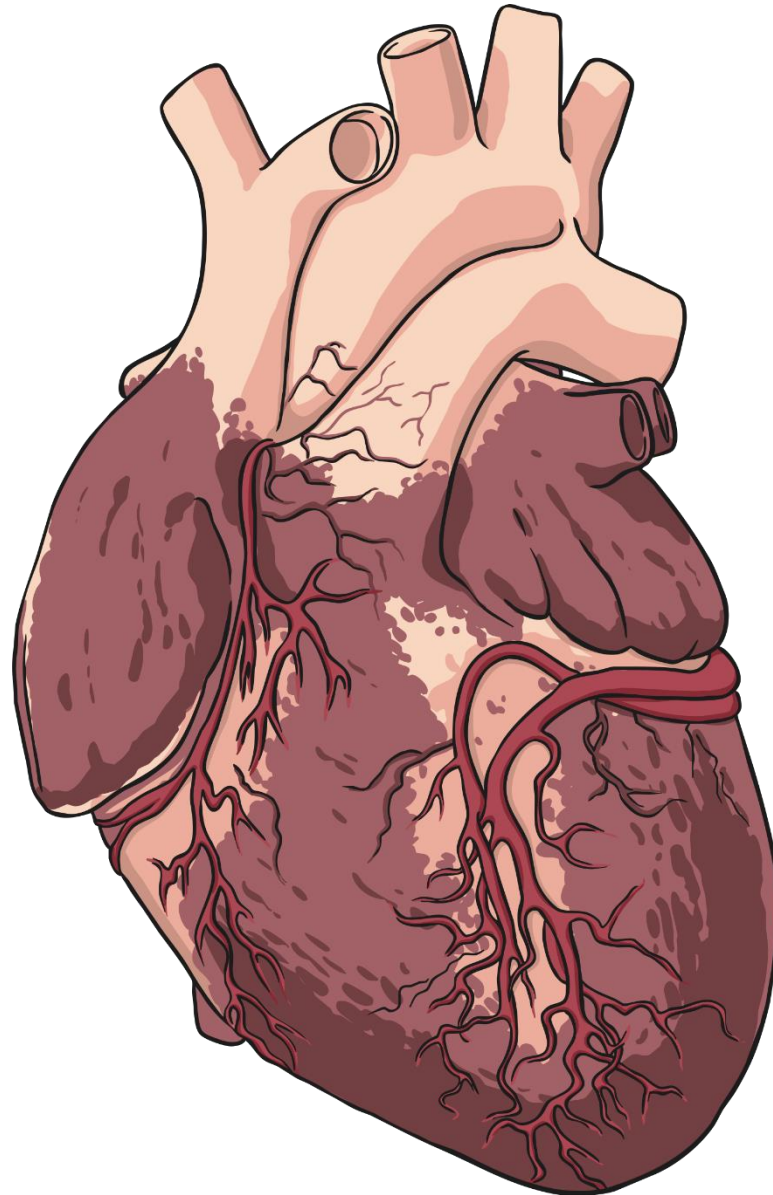
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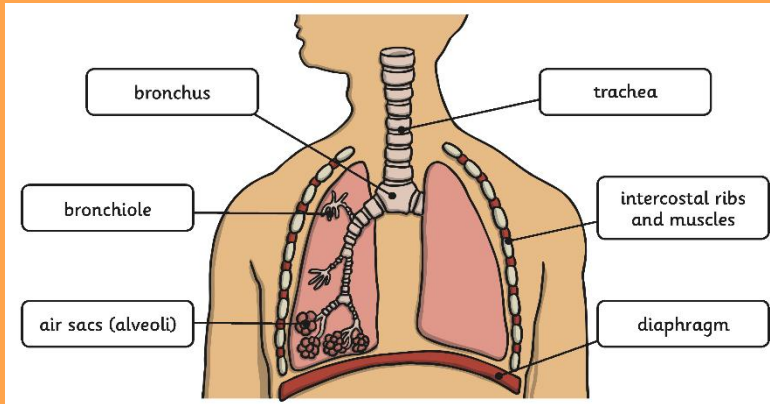


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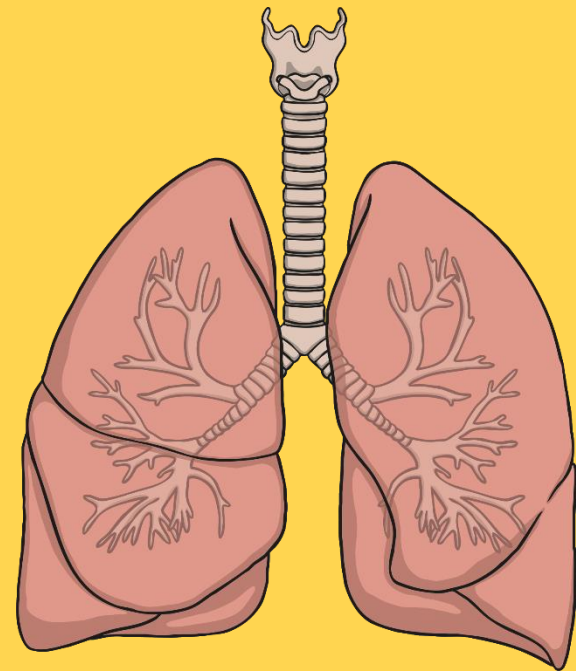
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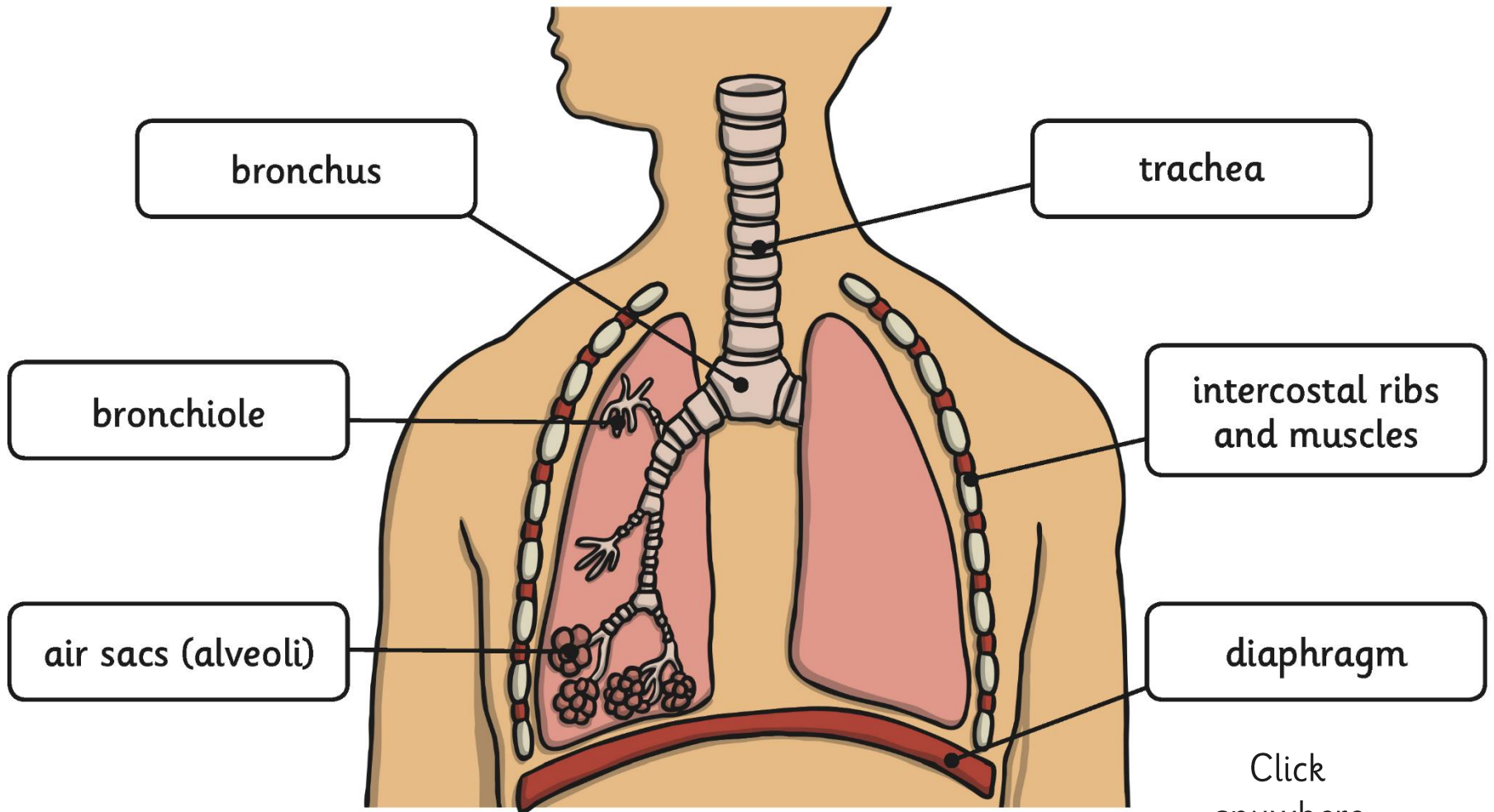
Parts of the Circulatory System: Lungs



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Air breathed in through the mouth or nose travels down the trachea, through the bronchi into one of the lungs. The air travels into the bronchioles and into the air sacs (alveoli).





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Parts of the Circulatory System: Blood Vessels

Blood vessels can be split into three types:

Arterial blood vessels - arteries:

Arteries are blood vessels that carry blood away from the heart.

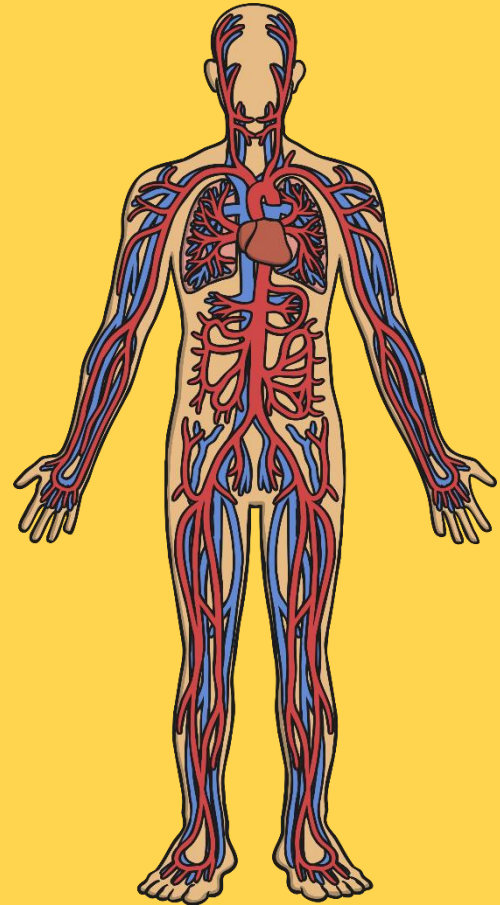
Venous blood vessels - veins:

Veins are blood vessels that carry blood to the heart.

Capillaries:

These are the smallest blood vessels. Capillaries connect the arteries and the veins and are the place where water and chemicals exchange in the blood.

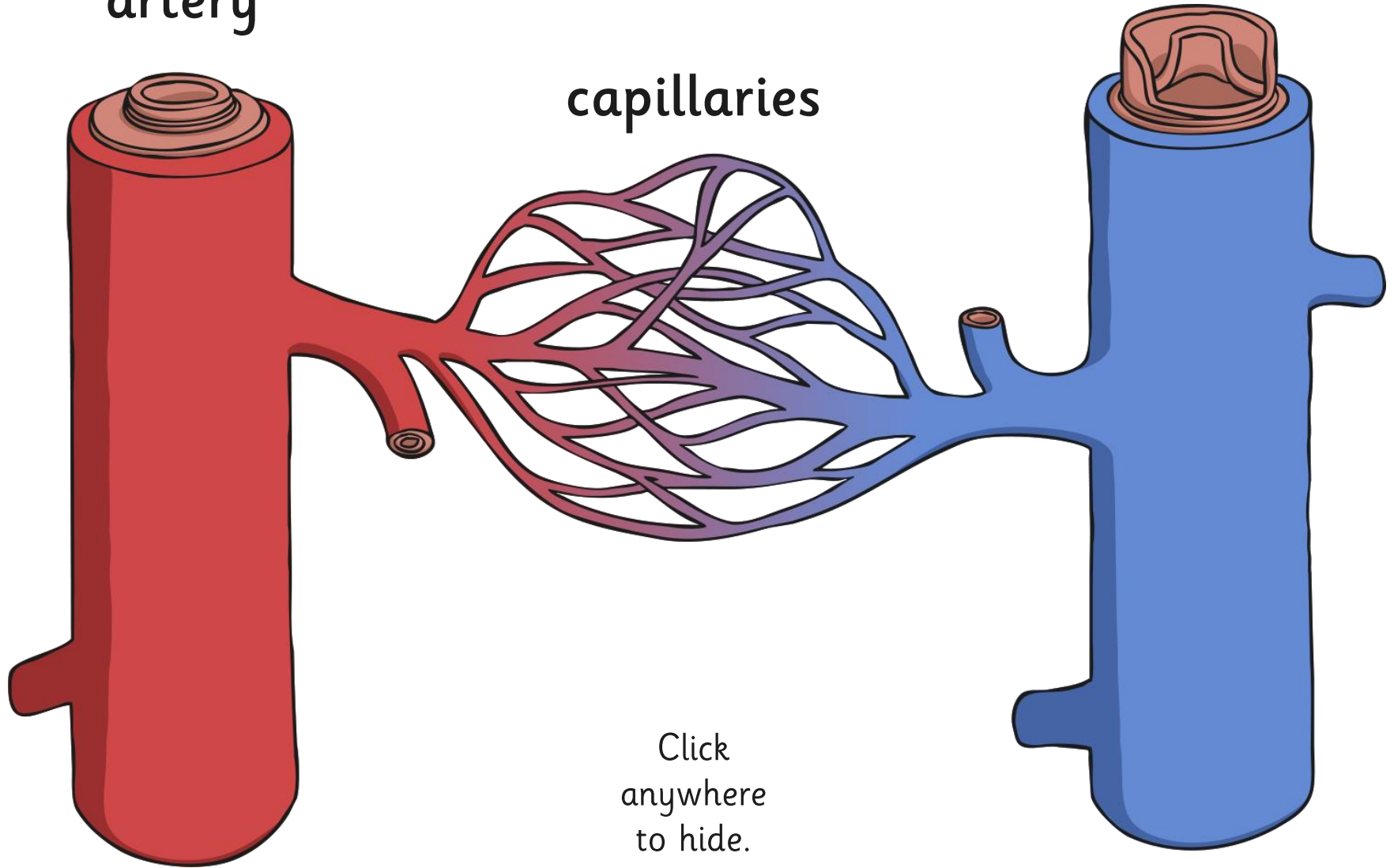
[Click here for a diagram that shows how the three blood vessels are linked.](#)




artery

vein

capillaries



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Here is a link to a video if you would like to find out more about how blood is pumped around the body.

<https://www.bbc.co.uk/bitesize/clips/z9dg9j6>