



# Circulatory System Parts

twinkl

# Aim

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



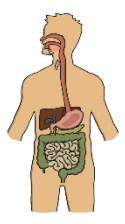
# Success Criteria



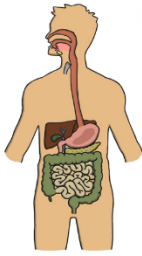
- I can identify the parts of the circulatory system.
- I can name the parts of the circulatory system.

# Systems in the Body: a Reminder

In year 3 and 4, you learnt about a number of different systems in the body. What can you remember? Complete systems in the body sheet from memory, then on the next slide, click the sheet to see the answers, check that you understand the information.

**Systems in the Body**

			
Name of the System			
Name at least 3 different parts of the system			
Does this system contain organs? If so, which ones?			
What is the purpose of the system?			
Why is this system			

Picture of the System			
Name of the System	Skeletal System	Muscular System	Digestive System
Name at least 3 different parts of the system	<p><b>Common bone names:</b> skull, rib, rib cage, collar bone, ankle bones, upper arm bone, thigh bone, lower leg bone, finger bones, hand bones, shoulder blade, jaw, backbone, wrist, hips, knee cap, foot bones, lower arm bones, , toe bones, breastbone.</p> <p><b>Scientific bone names:</b> cranium, vertebral column, costal, thoracic cage, sternum, clavicle, talus, tarsals, humerus, femur, tibia, fibula, phalanges, metacarpals, scapula, mandible, carpals, pelvis, patella, metatarsals, radius, ulna</p> <p><b>Types of joints:</b> hinge joint, ball and socket joint, gliding joint</p>	<p>Apart from the arm muscles, children may not know the scientific names of the muscles in the body. It is enough to identify them by locating them on the body.</p> <p>Biceps, Triceps (in the arm)</p> <p>Thigh (in the leg)</p> <p>Face muscles</p> <p>Back and stomach muscles</p> <p>Any other muscle or muscle group that demonstrates knowledge of the part of the body if not the muscle name</p>	<p>Mouth, tongue, teeth, salivary glands, oesophagus, stomach, duodenum, small intestine, large intestine, gallbladder, pancreas, liver, rectum, anus.</p>
Does this system contain organs? If so, which ones?	No	No	Yes - e.g. stomach, small intestine, large intestine, liver, pancreas.
What is the purpose of the system?	<ul style="list-style-type: none"> <li>• Support the body</li> <li>• Give the body shape</li> <li>• Protect the body</li> <li>• Enable movement</li> </ul>	<ul style="list-style-type: none"> <li>• Allow the body to move</li> <li>• Give control over movement</li> </ul>	<ul style="list-style-type: none"> <li>• Break down food into nutrients</li> <li>• Extract water from food</li> <li>• Excrete waste from the body</li> </ul>

Click anywhere to hide.

# Systems in Your Body



You have just reminded yourself about the skeletal, muscular and digestive systems in the body.

Do you know any other systems in the body? Have a think about it and discuss your ideas.



# Systems in Your Body



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

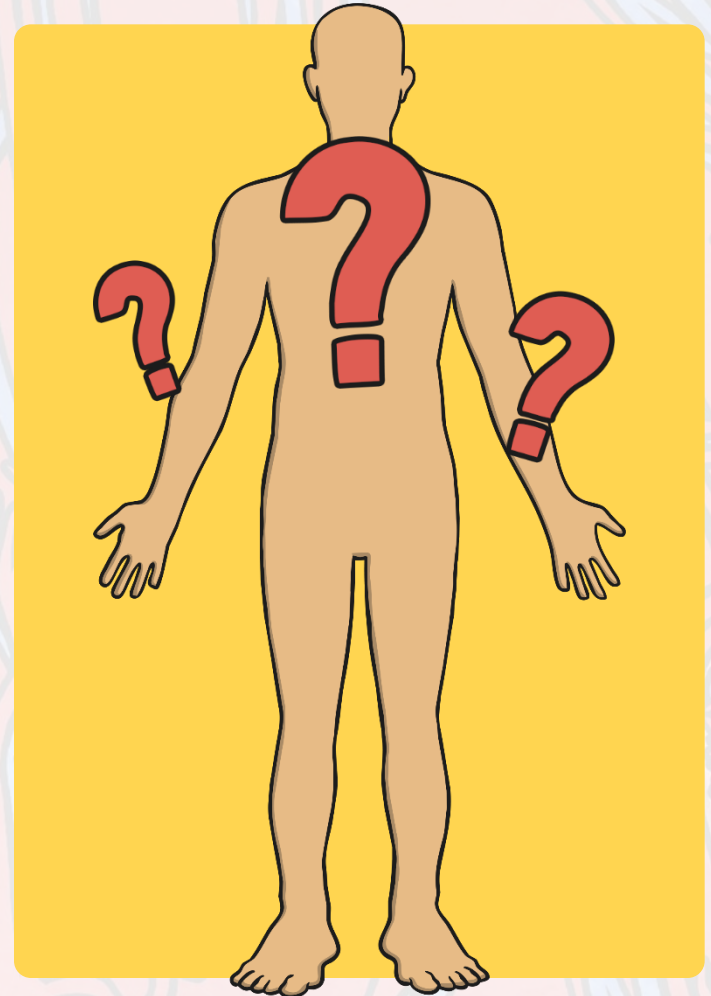
**'Circulatory System'.**

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

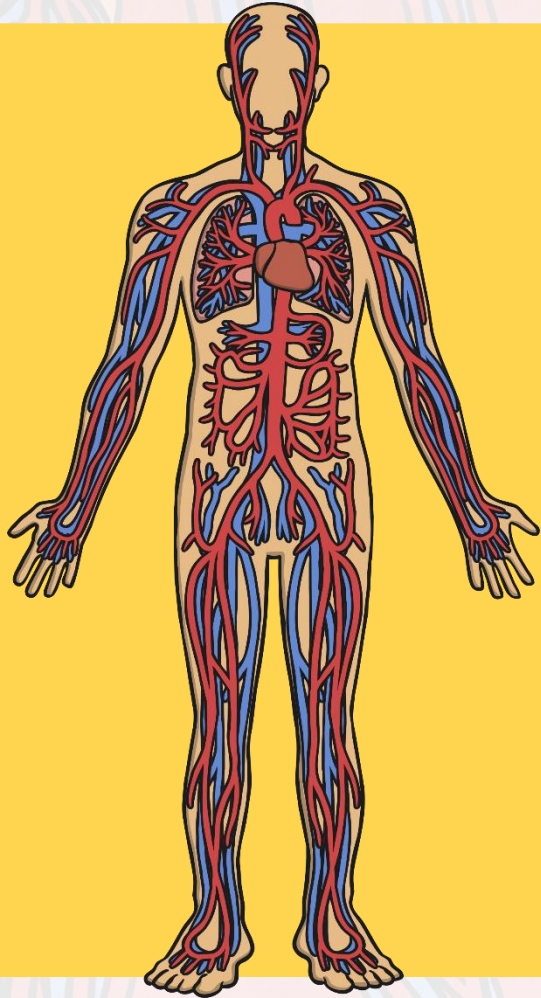
Discuss or think about the answers to the following questions:

**What does the system do?**

**What are the parts of the system?**



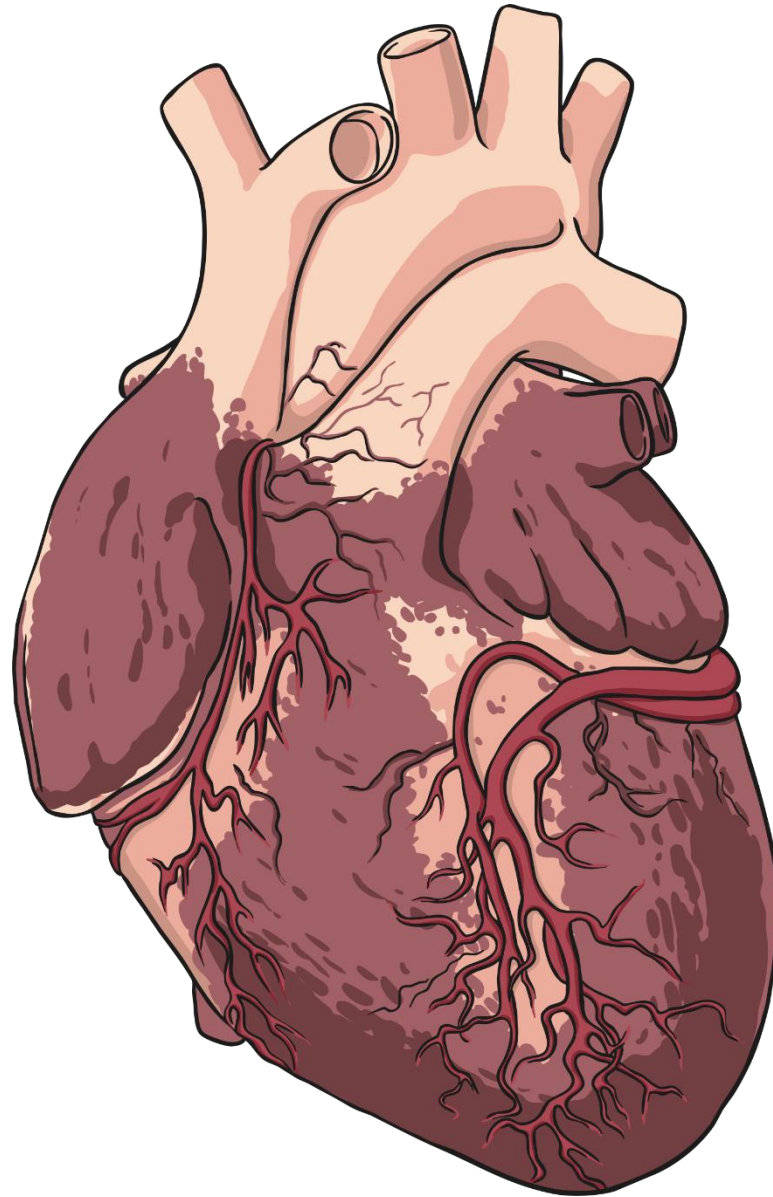
# The Circulatory System



What can you see?

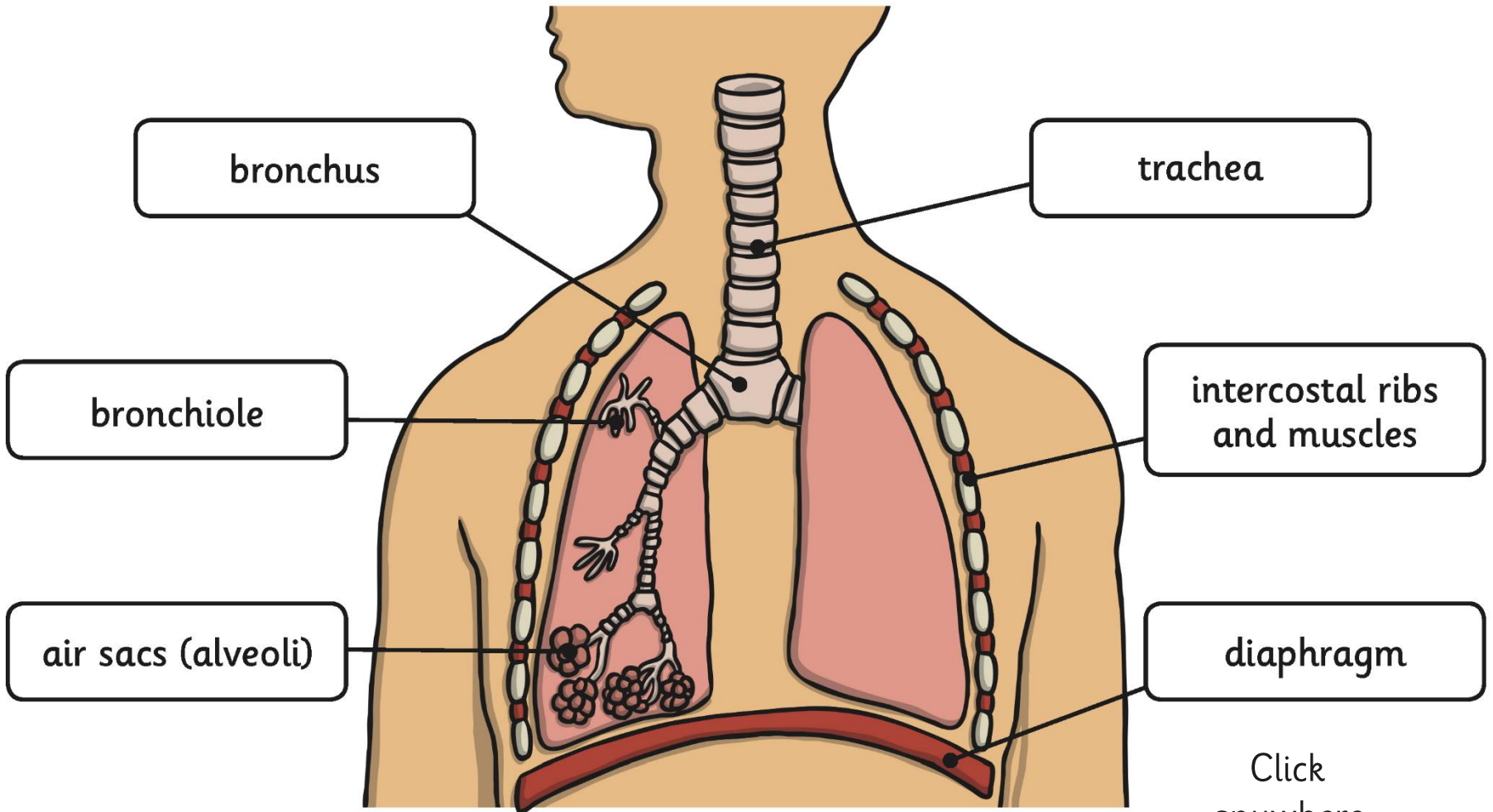
Is this what you expected?

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



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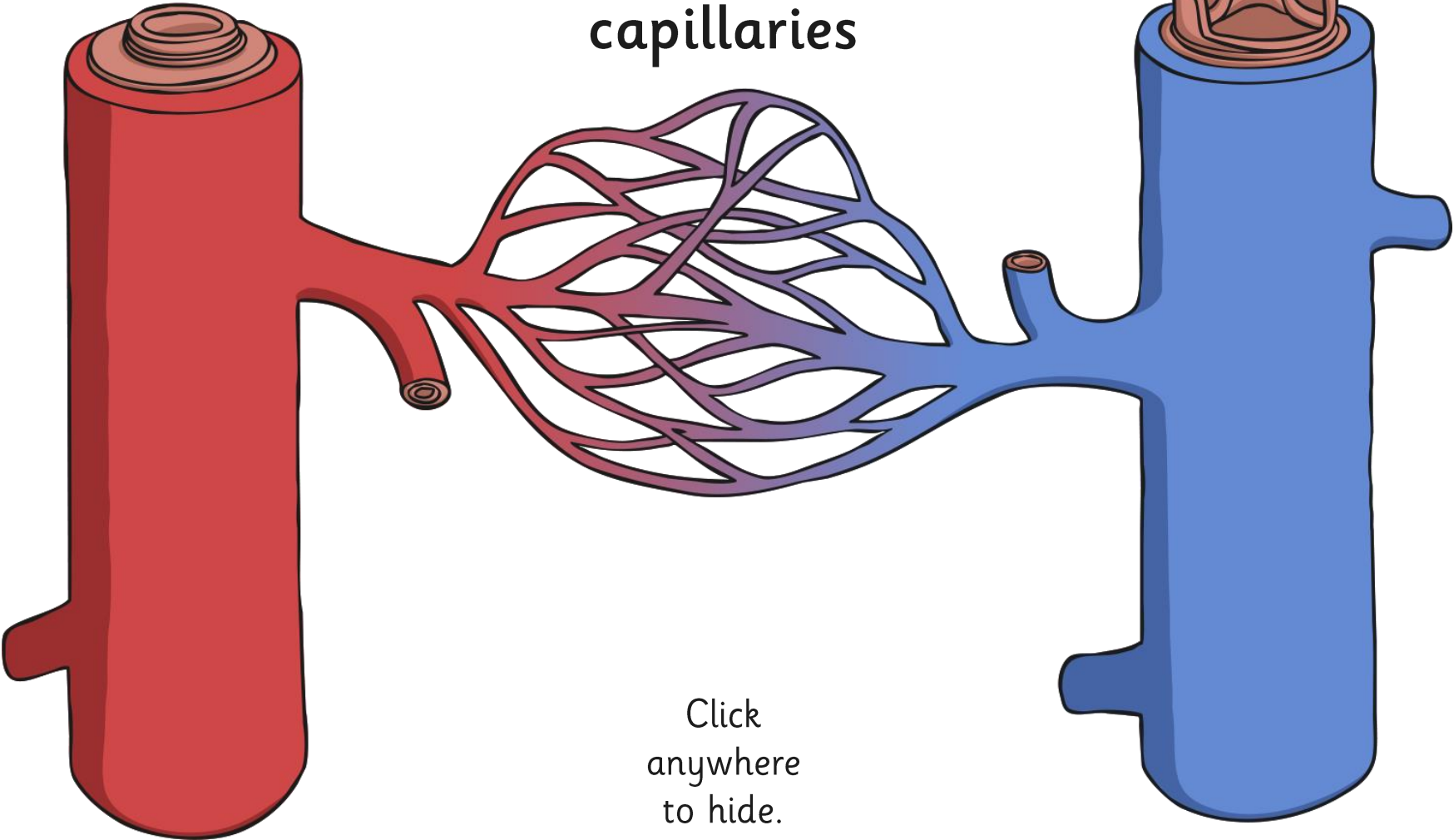


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artery

vein

capillaries



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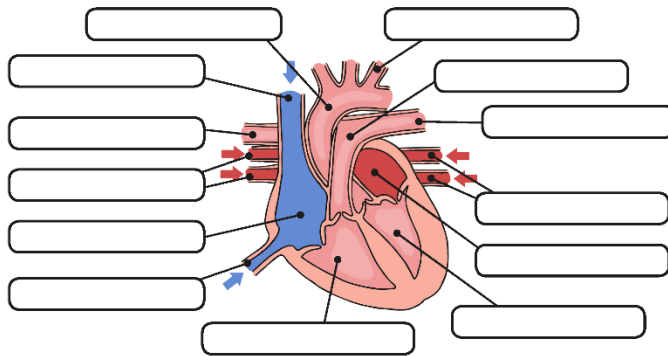
# Parts of the Circulatory System

Complete the sheets – if you need help, check back to find the answers.



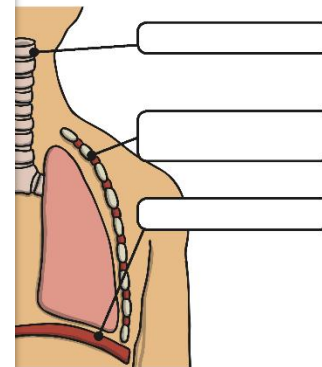
## Parts of the Circulatory System

Label the heart diagram using the key words.



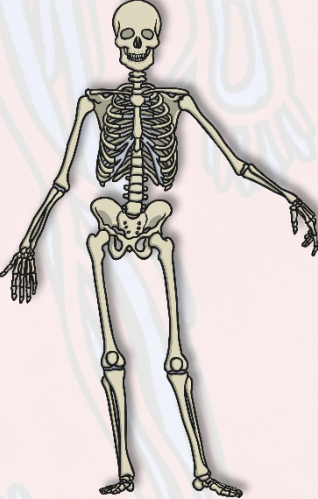

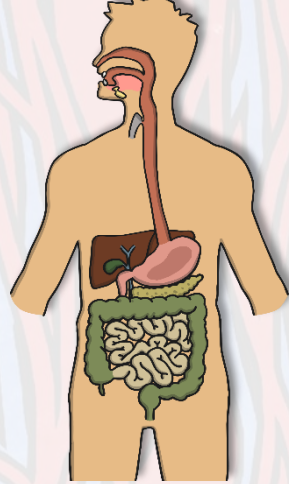
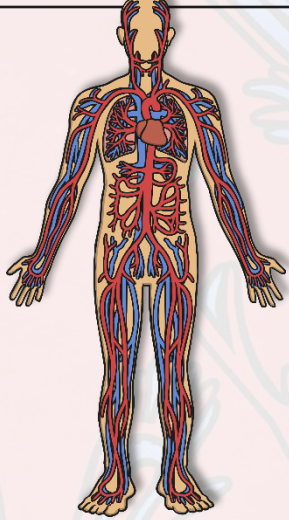
**Key Words:** aorta, right atrium, left ventricle, pulmonary artery (right), left atrium, right ventricle, right pulmonary veins, pulmonary artery (left), left pulmonary veins, superior vena cava, inferior vena cava, pulmonary vein, aortic valve.

## Circulatory System



...s (alveoli), intercostal muscles and ribs

# Systems In The Body: Functions

<p>Diagram of System</p>				
<p>What are the functions of these parts of the system?</p>	<p>Bones: Joints:</p>	<p>Biceps:</p>	<p>Stomach: Salivary glands:</p>	<p>Heart: Lungs: Blood Vessels:</p>

# Aim



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# Success Criteria

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