

Bea's Circulatory System Challenge

Learning objective: To identify and explain the functions of the main parts of the human circulatory system.

Bea the honeybee has been studying how the human heart works! Look at the list of keywords below. Your task is to match each term to the correct description of its function within the circulatory system. Write the letter of the correct term next to the description provided in the questions section.

Word bank: A. Heart · B. Blood · C. Blood Vessels · D. Oxygen · E. Nutrients · F. Carbon Dioxide

1. 1. This organ acts as a powerful pump to push blood around the entire body. (Answer:) (2 marks)

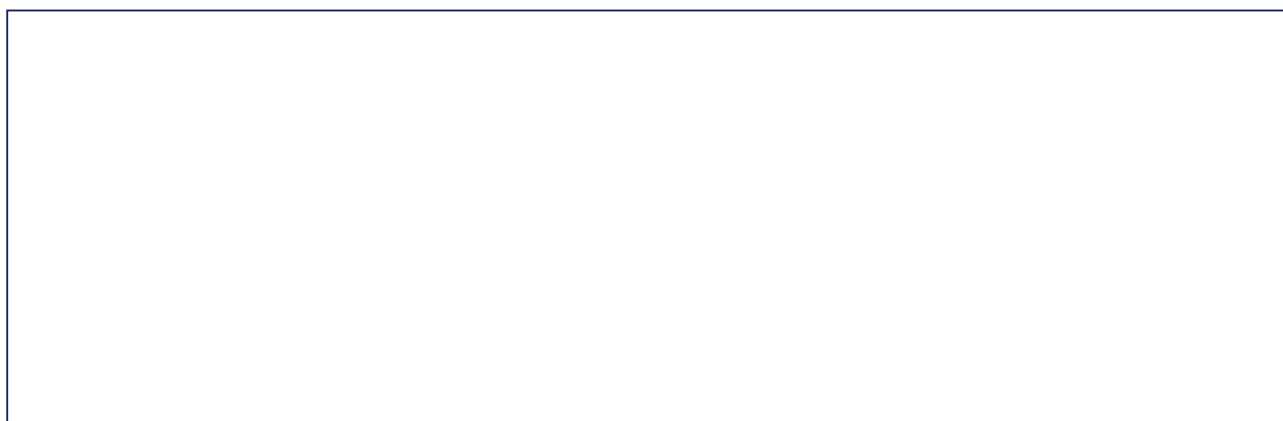
2. 2. These are the tubes (arteries, veins, and capillaries) that carry blood to every part of the body. (Answer:) (2 marks)

3. 3. This gas is carried by the blood to our muscles and organs so they have the energy to function. (Answer:) (2 marks)

4. 4. This is the waste gas that the blood collects from cells to be taken back to the lungs to be breathed out. (Answer:) (2 marks)

5. 5. Explain why the heart needs to pump faster when we are exercising. How does this help the muscles? (2 marks)

Draw: Draw a simple diagram of a heart with arrows showing the blood travelling to the lungs and then out to the rest of the body. Label the 'Arteries' and 'Veins'.



Extension challenge: Research how our diet and lifestyle choices affect our heart health. Create a small 'Heart-Healthy' poster to display in your classroom.