

KS3 Task

Describe the structure of the heart, and show how the structure of a house could be used to represent this.

You could present your work as an A3 poster showing:

1. a diagram of the heart,
2. an outline of a house, showing which parts of the house could represent structures in the heart.

How well does your poster demonstrate your understanding?	
It shows that you can identify the heart.	
At least 5 parts of the heart are correctly labelled and the left and right hand sides of the heart are labelled.	
Arrows have been used to show the direction of blood flow through the heart	
There is a description of the differences in the blood flowing through each side of the heart.	
The differences in blood composition flowing through each side of the heart are explained.	
There is an explanation of how lifestyle choices may damage the heart.	
There is an evaluation of how the house can be representative of a real heart.	
Is there anything else that you have included (or could include)?	

KS4 Task

Describe the structure of the heart, and show how the structure of a house could be used to represent this.

You could present your work as an A3 poster showing:

1. a diagram of the heart,
2. an outline of a house, showing which parts of the house could represent structures in the heart.

How well does your poster demonstrate your understanding?	
At least 5 parts of the heart are correctly labelled as well as the left and right hand sides of the heart.	
Arrows have been used to show the direction of blood flow through the heart.	
There is a description of the differences in the structure of the left and right sides of the heart.	
The differences in the structure of the two sides of the heart are explained.	
There is a description of the differences in the blood flowing through each side of the heart.	
The differences in blood composition flowing through each side of the heart are explained.	
There is an explanation of how lifestyle choices may damage the heart.	
There is an evaluation of how the house can be representative of a real heart.	
Is there anything else that you have included (or could include)?	

KS5 Task

Describe the structure of the heart, and show how the structure of a house could be used to represent this.

You could present your work as an A3 poster showing:

1. a diagram of the heart,
2. an outline of a house, showing which parts of the house could represent structures in the heart.

<p>How well does your poster demonstrate your understanding?</p>	
<p>The main chambers and vessels in the heart are correctly labelled as well as the left and right hand sides of the heart.</p>	
<p>Arrows have been used to show the direction of blood flow through the heart. The main valves within the heart are correctly labelled.</p>	
<p>There is a description of the differences in the blood flowing through each side of the heart.</p>	
<p>The parts of the heart involved in the initiation and control of the heartbeat are identified.</p>	
<p>There is a description of the changes that occur in the heart during a typical cardiac cycle (in terms of pressure, valves etc.)</p>	
<p>There is an evaluation of how your house can be representative of a real heart.</p>	
<p>Evaluate lifestyle choices which may damage the heart and explain the effect that this has.</p>	
<p>Is there anything else that you have included (or could include)?</p>	