

Mon 28<sup>th</sup> and Tuesday 29<sup>th</sup> June

Shared Reading answers

1. What word is used in the first paragraph to suggest that the circulatory system is important?  
**Essential**

2. Tick the boxes to say whether the statements below are **true** or **false**.

Sentence	True	False
Oxygen is dropped off all around the body through the arteries.		<input checked="" type="checkbox"/>
The heart is basically a big pump.	<input checked="" type="checkbox"/>	
Red blood cells last about 20 minutes before your body renews them.		<input checked="" type="checkbox"/>
The circulatory system is one big loop around your body.		<input checked="" type="checkbox"/>

3. What do capillaries do?

**Transfer oxygen (and carbon dioxide) from (and to) the blood to (and from) the cells.**

4. What are the scientific symbols for oxygen and carbon dioxide?

**Oxygen = O<sub>2</sub>    Carbon dioxide = CO<sub>2</sub>**

5. What simile is used to describe the blood cells? Why?

**The blood cells are compared to delivery drivers as they transport important things all around our bodies.**

6. In 'The Heart' paragraph, what does the phrase, 'at the heart of it all' mean?

**The phrase 'at the heart of it all' means something that is at the centre/the most important/focus point of an activity or process. It has been used because the heart is the most important part of the circulatory system.**

7. How many times does a heart beat in the lifetime of an average person? **Tick one.**

- 2,500  
 **2,500,000,000**  
 20 billion  
 25,000,000

8. Why do you think the heading 'The Other Half of the System' is used?

**I think the heading 'The Other Half of the System' has been used because earlier in the text it refers to the blood cells transporting oxygen and nutrients to the cells. However, this paragraph is about transferring the waste product (carbon dioxide) out of the body.**

9. In your own words, explain how carbon dioxide is removed from the body.

**Carbon dioxide is removed from the body through it being transported to the lungs by the red blood cells, once at the lungs, it is expelled from the body as it is exhaled (breathed out).**