

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_  
BLOOD

Watch the video below on red blood cells and answer the questions. Drag the correct words to complete the sentences.



function  
red blood cells  
5 million  
oxygen

platelets  
lungs  
energy  
120 days

replace  
red  
one  
cells

inhale  
2.5 million  
white blood cells  
aerobic respiration

transport  
erythrocytes  
plasma

Human blood is a very important \_\_\_\_\_ coloured liquid. Our blood is made up of the following components: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_. Our red blood cells are also called \_\_\_\_\_.

In \_\_\_\_\_ drop of blood, there are about \_\_\_\_\_ red blood cells. They only live for about \_\_\_\_\_ in our blood stream and every second, your body makes \_\_\_\_\_ new red blood cells to \_\_\_\_\_ old, dead cells.

But what do red blood cells actually do? They have a very important \_\_\_\_\_ and this is to \_\_\_\_\_ the gas called \_\_\_\_\_ around the body.

Every cell in the body needs oxygen in order to carry out \_\_\_\_\_ and release \_\_\_\_\_. We take oxygen into our \_\_\_\_\_ each time we \_\_\_\_\_.

But something needs to pick up that oxygen and carry it to all other \_\_\_\_\_ in the body. Red blood cells do this very well.

Continue the video and complete the sentences below using the words in the box.

biconcave disc  
oxyhaemoglobin  
energy  
nucleus  
oxygen

red  
donut  
release  
adaptations  
tired

oxygen  
kills  
haemoglobin  
malaria

body  
tissues  
surface area  
space

Red blood cells have all the special \_\_\_\_\_ needed to carry out this very important role.

Firstly, they have a special shape called a \_\_\_\_\_ shape. This means that they look like a \_\_\_\_\_ that has been squashed in the middle. This gives them a large \_\_\_\_\_ to absorb oxygen very quickly.

Next, they have no \_\_\_\_\_ inside them because this would take up too much \_\_\_\_\_ that the red blood cells could use to carry \_\_\_\_\_ gas.

The best adaptation of all is that they contain a transport protein called \_\_\_\_\_. In the lungs, it binds with the \_\_\_\_\_ gas to become \_\_\_\_\_. As the red blood cells travel around the \_\_\_\_\_, they \_\_\_\_\_ this oxygen to the respiring \_\_\_\_\_. Oxyhaemoglobin gives the red blood cells their \_\_\_\_\_ colour.

The \_\_\_\_\_ parasite invades and \_\_\_\_\_ red blood cells, so it is a serious disease. People who get malaria have no \_\_\_\_\_ and feel very \_\_\_\_\_.