NAME:_____ DATE:_____

BLOOD

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

function	platelets	replace	inhale	transport
red blood cells	lungs	red	2.5 million	erythrocytes
5 million	energy	one	white blood cells	plasma
oxygen	120 days	cells	aerobic respiration	

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.

LIVEWORKSHEETS

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

biconcave disc	red	oxygen	body
oxyhaemoglobin	donut	kills	tissues
energy	release	haemoglobin	surface area
nucleus	adaptations	malaria	space
oxygen	tired		

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 mean 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_____.

LIVEWORKSHEETS