

BLOOD AS BODY TISSUE

Blood performs several vital roles in our bodies. Fill in the following blanks. It summarises information from topics you have covered or researched already...

The blood is made up of 4 different components: red blood cells, white blood cells, platelets and plasma. Each of these has a different role. Red Blood Cells carry the gas _____ to cells, so they can respire and produce _____. It carries them in molecules of _____. The _____ produced by the same process is carried back to lungs dissolved in the Plasma. Plasma, a yellow liquid, also carries other things e.g. _____, _____, _____, _____ and _____. The platelets are fragments of cells which help to form a _____ over wounds and cuts. White Blood Cells help defend the body against _____ / _____. Some make _____ which can fight _____. Others 'eat' _____ which makes them harmless.

Red Blood Cells

Red Blood Cells are a very good example of a cell from the body which is specialised; it has certain features which help it do its job better.

How do the following features help the Red Blood Cells do their job?

Very large surface area

No nucleus

Haemoglobin molecules inside

Flattened shape

Find out which mineral is essential for building healthy Red Blood Cells

Teaser: Why do girls after Puberty need to eat more food with Iron in?