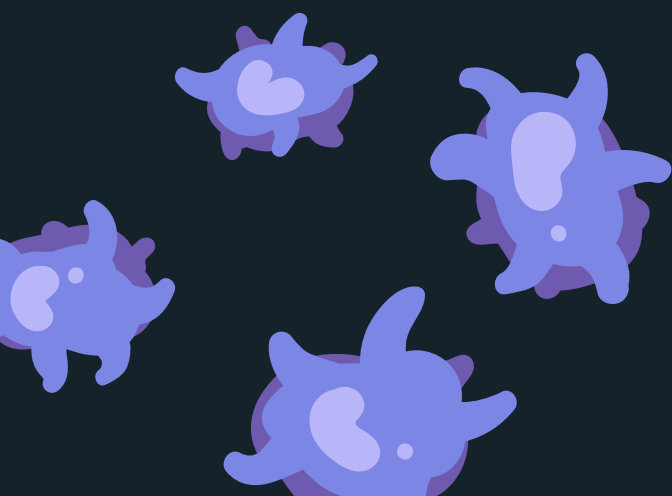





**LET'S TALK ABOUT
THE**

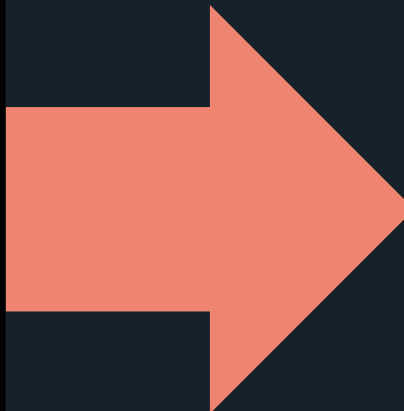
BLOOD SYSTEM



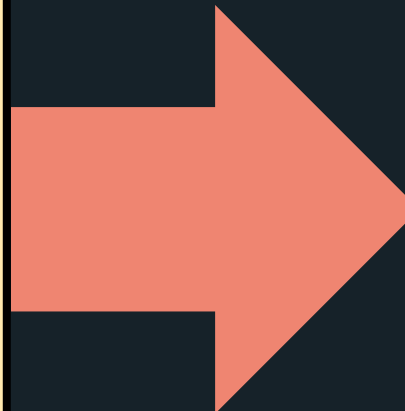


LEARNING POINTS

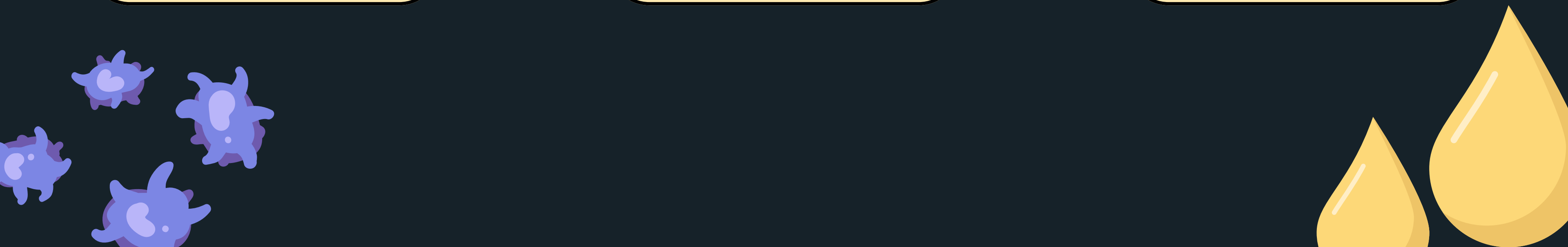
State the role of
blood in the
human body



Describe the four
components of the
blood




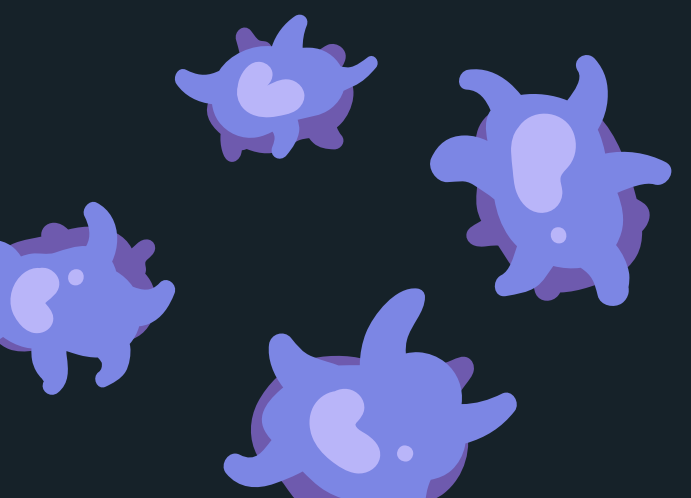
Explain the
function of each
component





WHAT IS THE ROLE OF BLOOD?

Blood carries substances around the body. It transports useful substances such as glucose and oxygen, as well as waste products such as carbon dioxide.





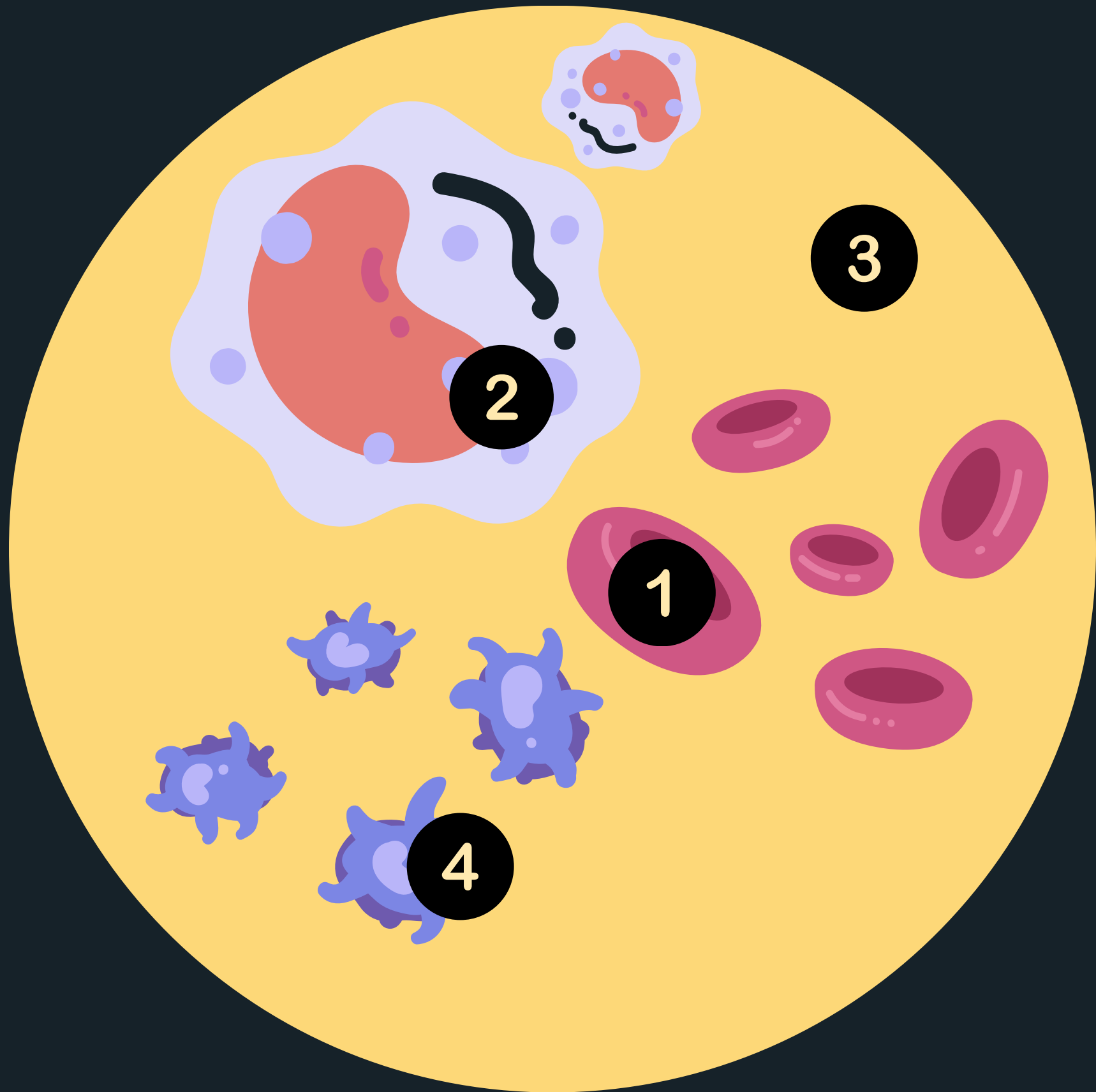
COMPONENTS OF THE BLOOD

1 Red blood cells

2 White blood cells

3 Plasma

4 Platelets



BLOOD COMPONENTS

- 1** Red blood cells
- 2** White blood cells
- 3** Plasma
- 4** Platelets

ROLE AND FUNCTION

- Red blood cells carry oxygen from the lungs, around the body to every cell
- They contain a chemical called haemoglobin which binds to oxygen in order to carry it in the blood

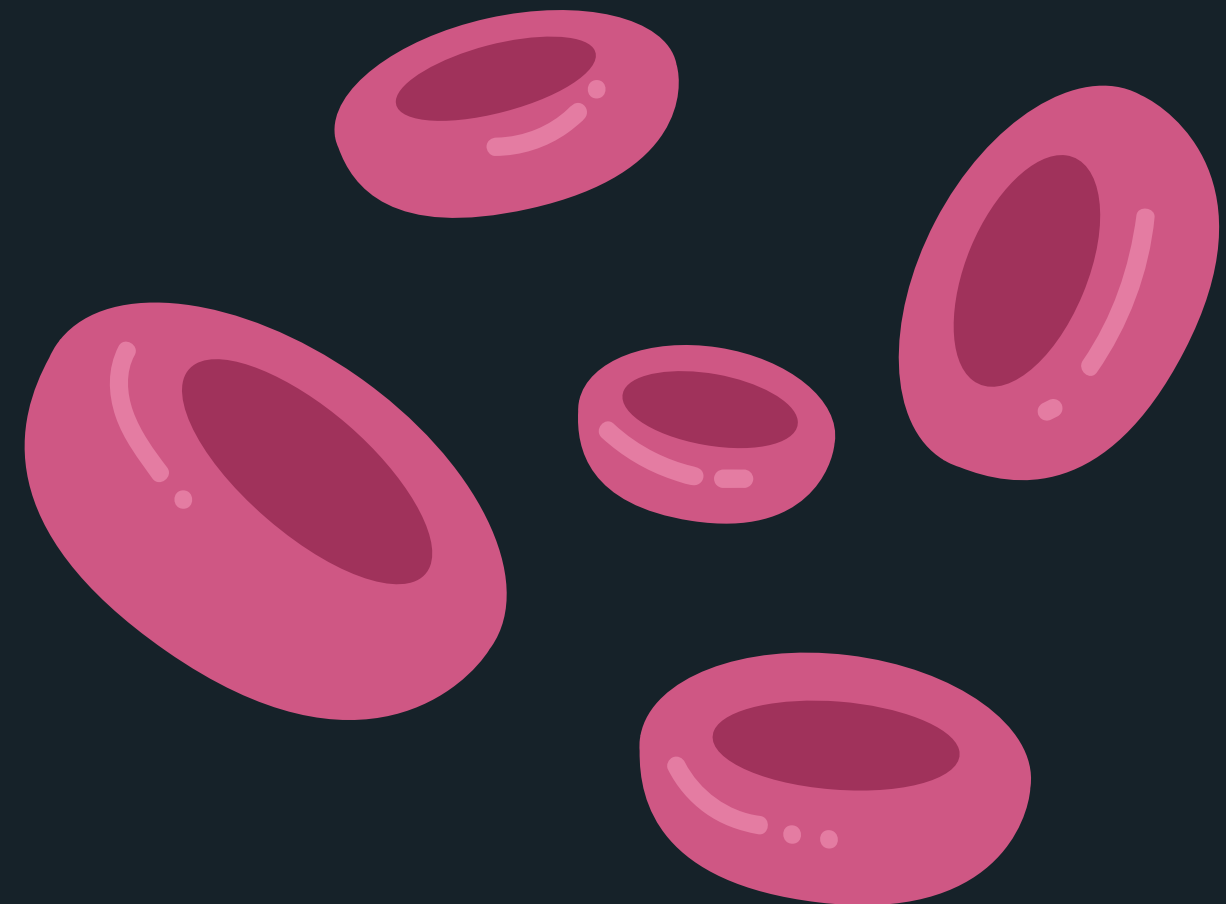
DESCRIPTION

- Biconcave disc shape
- No nucleus

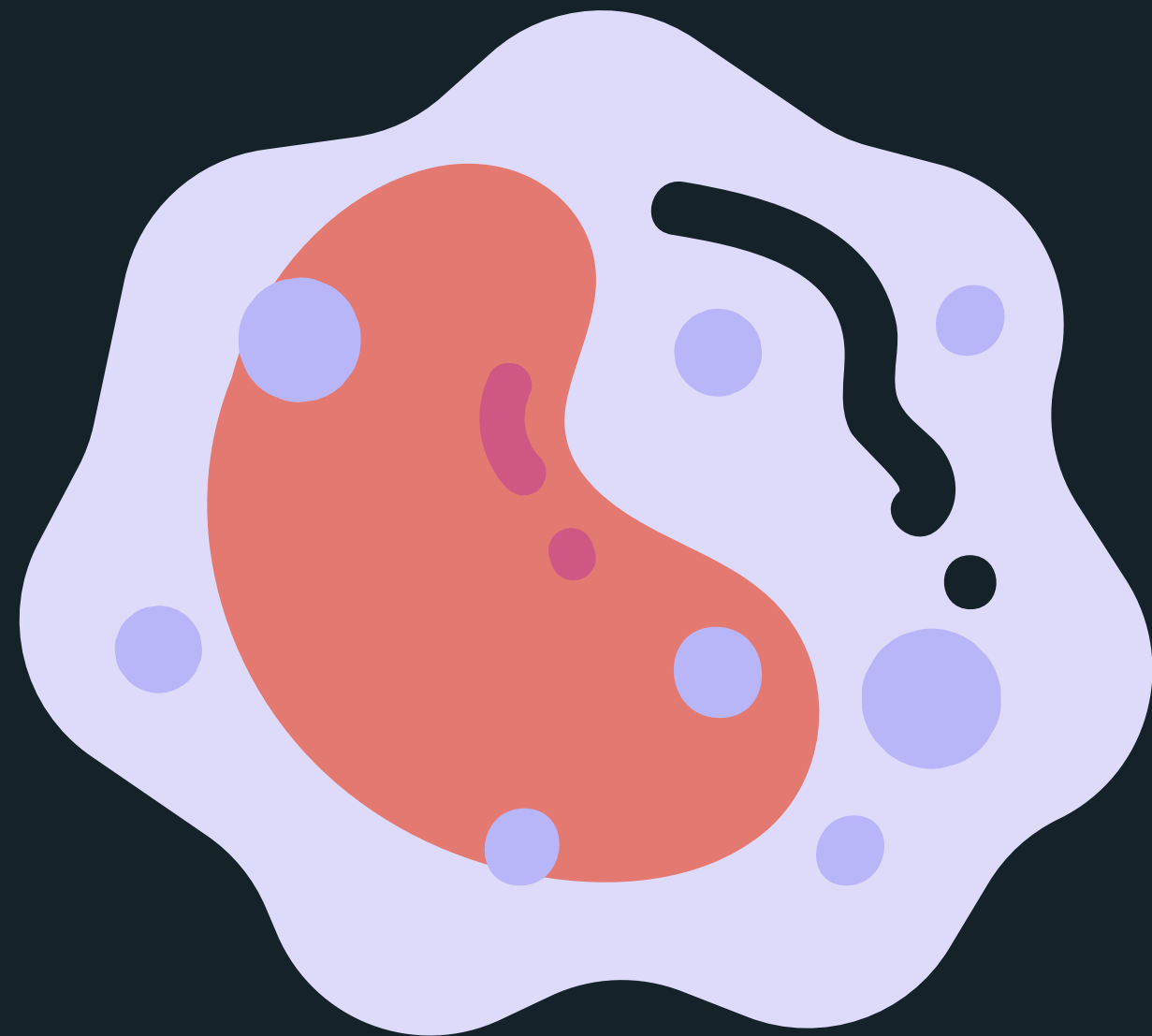
PERCENTAGE

- 44% of the blood is red blood cells

RED BLOOD CELLS



WHITE BLOOD CELLS



ROLE AND FUNCTION

- White blood cells are a key part of the immune system
- They fight off pathogenic diseases and infections
- They are made in the bone marrow

DESCRIPTION

- Do not have a fixed shape
- Can change their form

PERCENTAGE

- <1% of the blood is white blood cells

ROLE AND FUNCTION

- The plasma carries the red blood cells, white blood cells and platelets around the body
- It also contains hormones, glucose, enzymes and waste products

DESCRIPTION

- Pale yellow
- Liquid

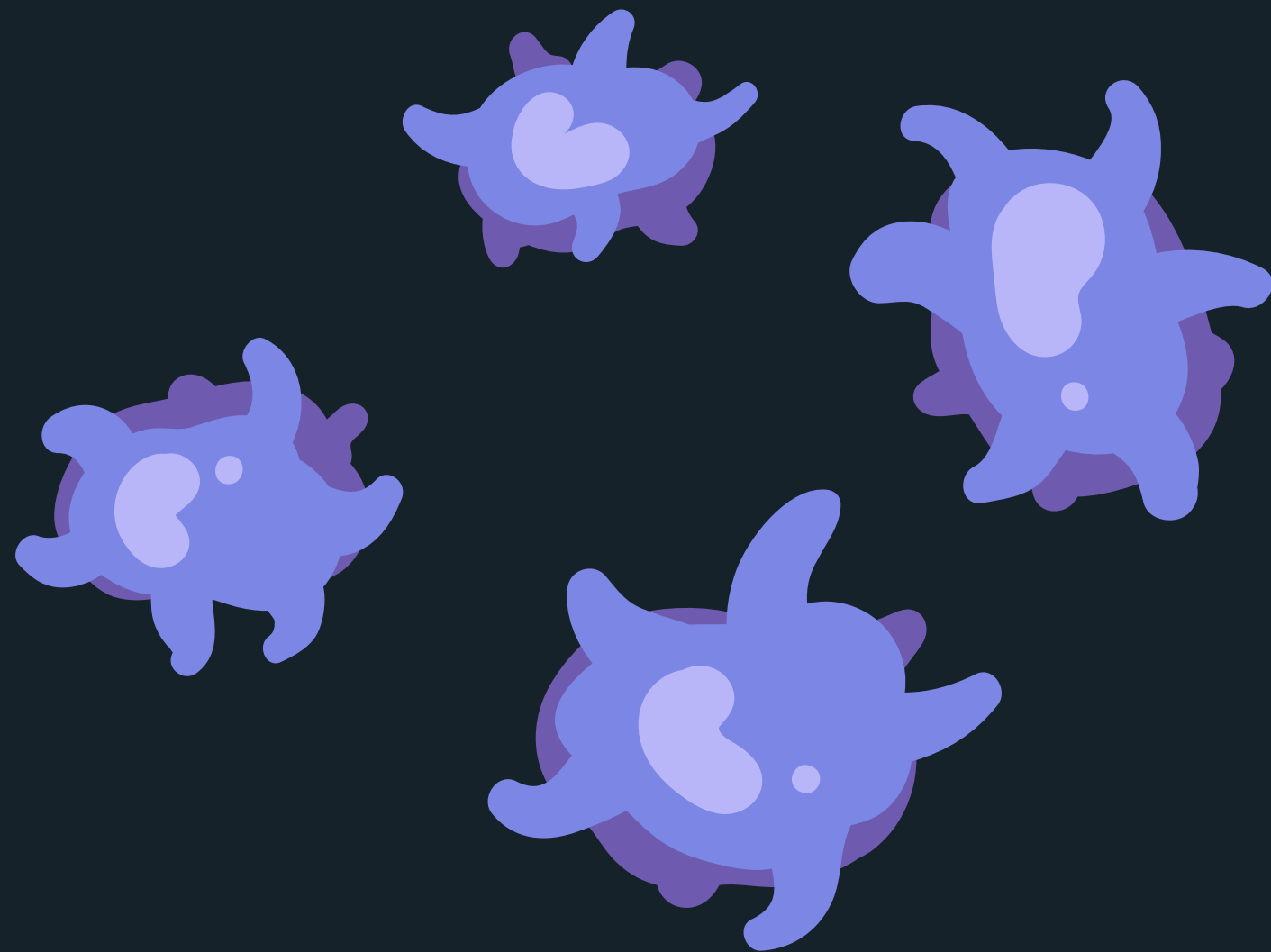
PERCENTAGE

- 55% of the blood is plasma

PLASMA



PLATELETS



ROLE AND FUNCTION

- Platelets form scabs to stop cuts from bleeding
- They are made in the bone marrow

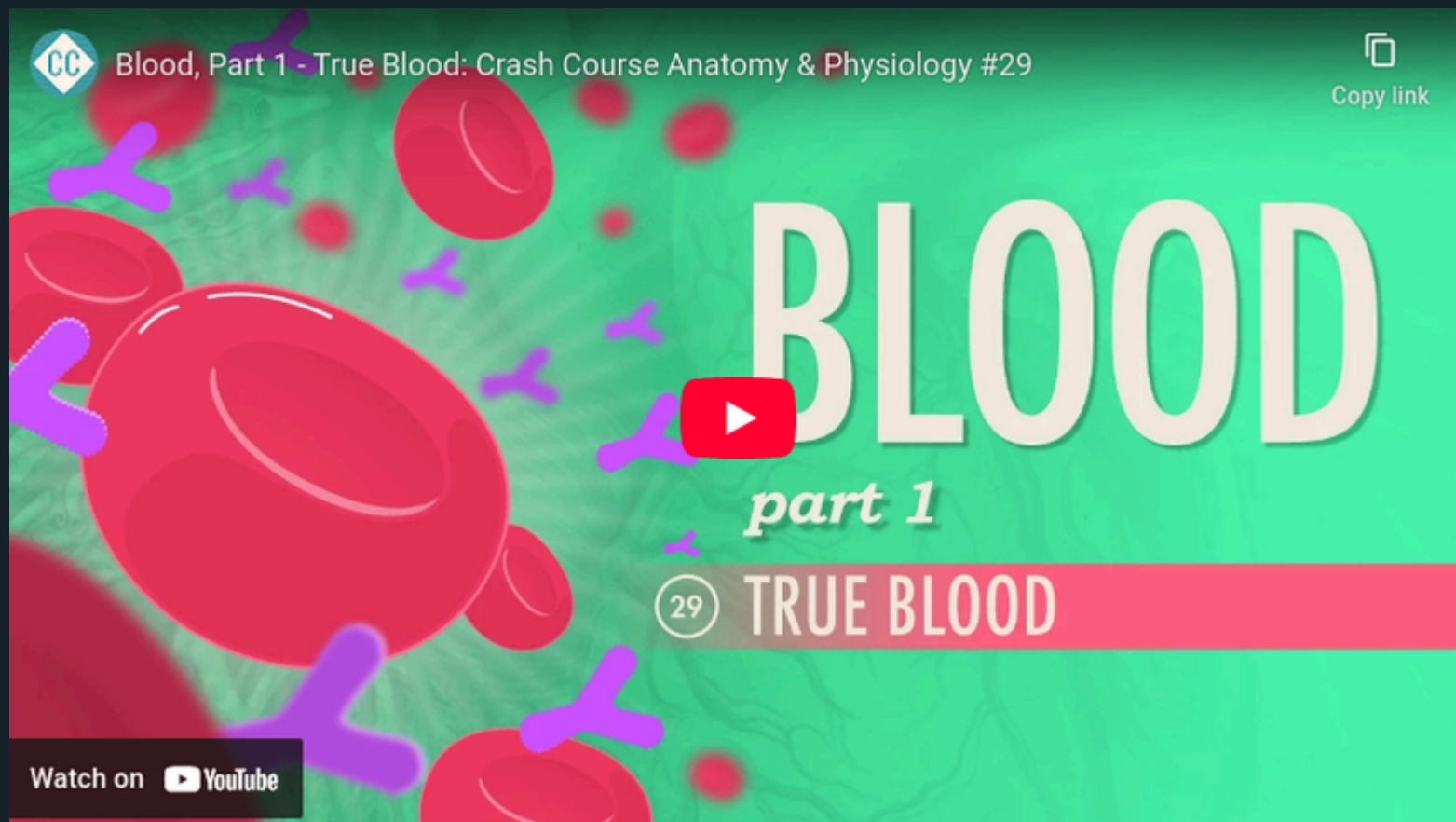
DESCRIPTION

- Small colorless fragments of cells

PERCENTAGE

- <1% of the blood is platelets

LET'S WATCH THIS AWESOME VIDEOS ABOUT THE BLOOD!





Questions?