



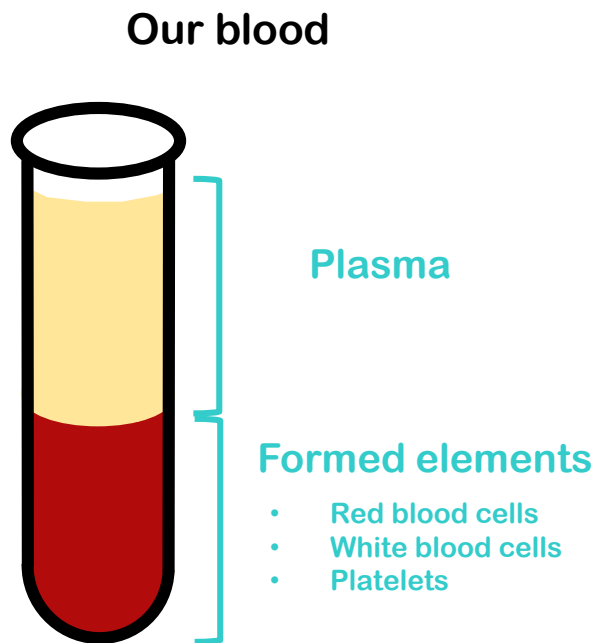
Animals including Humans – Blood and Transportation

What is blood?

YEAR 5
Term 2

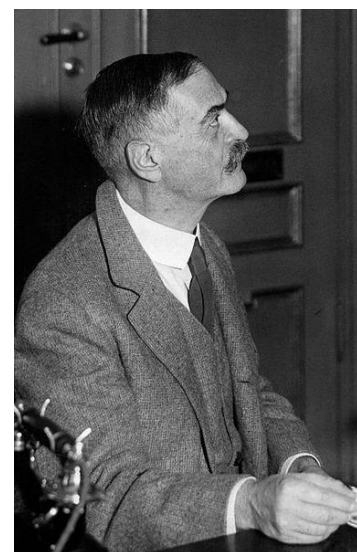
Key Facts:

- Bacteria can help break down decaying material so nutrients are free to be used by plants.
- A phlebotomist is the name given to a nurse who takes blood samples to find a diagnosis.
- Diabetes is an illness of the pancreas, where it can't produce enough insulin. It means the amount of sugar in the blood can't easily be controlled. People who suffer from diabetes may have to inject themselves with insulin.
- Blood is composed of a liquid called plasma, red blood cells, white blood cells and platelets.
- The bacteria which lives in our gut helps us to stay healthy.
- Blood needs to be filtered to removed damaged red blood cells and to remove substances which could make us ill.



Key Scientists:

Karl Landsteiner – An Austrian biologist, physician and immunologist who distinguished the main blood groups in humans and enabled physicians to transfuse blood without endangering the patients life.



Key Vocabulary:

- transfusion
- plasma
- pancreas
- diabetes
- transportation
- spleen
- alveoli
- bacteria
- red blood cell
- platelet
- haemoglobin
- antibody
- vein
- vessels
- capillary
- diaphragm
- artery
- organ
- circulatory system.