



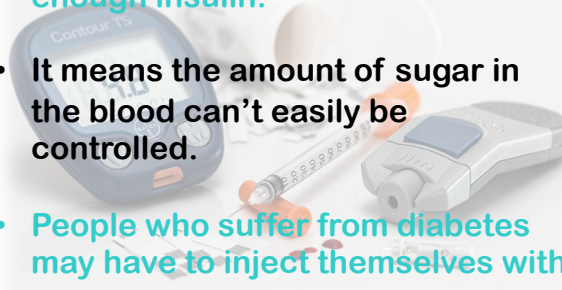
ROCKET WORDS

Learn these words and their definitions.

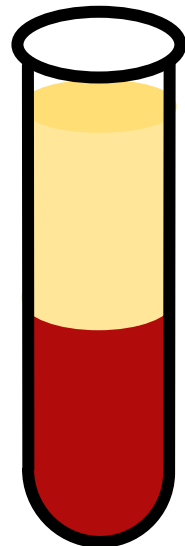
Key Word	Definition
transfusion	The process of adding an amount of blood to the body.
plasma	A thin yellow liquid which the formed elements are suspended in.
pancreas	A gland which sits behind the stomach, produces enzymes for digestion.
diabetes	A condition that occurs when the body can't use glucose.
transportation	The movement of something from one place to another.
spleen	An organ which removed damaged red blood cells from the blood.
alveoli	Tiny sacks which in the lungs which fill with air to allow oxygen to enter the blood.
bacteria	A type of microscopic unicellular organism.

Diabetes

- 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.



Our blood



Plasma

Formed elements

- Red blood cells
- White blood cells
- Platelets



FACTOIDS:

Can you find out more?

Q1. What is blood?

A1. Blood is composed of a liquid called plasma, red blood cells, white blood cells and platelets.

Q2. Are all bacteria bad?
A2. No! The bacteria which lives in our gut helps us stay healthy.

Q3. Why does blood need to be filtered?

A3. To removed damaged red blood cells and to remove substances which could make us ill.

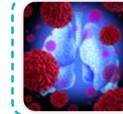
Lesson Sequence



1. Describe the composition of blood



2. Explain how blood is filtered



3. Describe how oxygen is moved around the body



4. Explore blood transfusion



5. Describe how diabetes is managed



6. Describe the roles of bacteria

Unit: Animals including humans – Health

This unit will help you learn about blood and how our body looks after it. You will learn about some diseases that can't be avoided and some that can, by leading a healthy lifestyle. You will also begin thinking about bacteria and how some types of bacteria help us stay healthy.

This may help you think about your own lifestyle and think about how to stay fit and healthy in your teenage and adult years.

