

# Blood

## Worksheet 1

1. Look at the idioms with the word blood. Can you guess their meaning? Use the dictionary to help you.

Idiom	Meaning	Sentence
be after one's blood		
be in one's blood		
blood is thicker than water		
to do sth in cold blood		
like getting blood out of a stone		
new blood		
it makes one's blood boil		

2. Let's have a closer look at blood.

What is blood ?	
What are the functions of blood?	
What are the components of blood?	
Where is blood produced?	
What is blood group?	
What is Rh blood antigen ?	
What are erythrocytes?	
What are leukocytes?	
What are thrombocytes ?	
What are some of the blood disorders?	
What is blood transfusion?	

## Blood

3. Blood cannot be artificially made, that is why being a blood donor is very important and helpful. But not all blood groups can be given to all people. look at the information about blood groups and complete the blood compatibility chart.

Humans can have one of four main blood groups, either RhD positive or negative:

- Group A - Rh negative or positive  
A antigens are found on the surface of blood cells. Anti-B antibodies are found in the plasma.
- Group B - Rh negative or positive  
B antigens are found on the surface of blood cells. Anti-A antibodies are found in the plasma.
- Group AB - Rh negative or positive  
A and B antigens are found on the surface of blood cells. There are no antibodies are found in the plasma.
- Group O - Rh negative or positive  
There are no antigens are found on the surface of blood cells. Both Anti-B and Anti-A antibodies are found in the plasma.

	A+	A-	B+	B-	AB+	AB-	O+	O-
A+								
A-								
B+								
B-								
AB+								
AB-								
O+								
O-								

<http://www.americasblood.org/about-blood/what-is-blood.aspx>

<http://www.medicalnewstoday.com/articles/196001.php>

[http://kidshealth.org/kid/feel\\_better/things/transfusions.html?tracking=K\\_RelatedArticle](http://kidshealth.org/kid/feel_better/things/transfusions.html?tracking=K_RelatedArticle)