

Blood transfusions

Level: upper -intermediate (B2)

Time: 45 minutes

Aims:

- To learn or revise vocabulary connected with blood
- To learn about blood groups
- To learn about blood transfusions
- To develop reading skills
- To develop speaking skills

Language functions:

- To describe blood functions
- To talk about blood transfusions
- To talk about our different reasons for donating blood
- To talk about the history of blood transfusions
- To discuss the healthy lifestyle

CLIL: Biology/ Chemistry/ Maths / IT technology

Materials: Worksheets and web pages

STAGE	AIMS	PROCEDURE	TIME	MATERIALS
Warm-up activity	The aim of this task is to get students interested in the topic and to get them to talk about blood transfusions	Ask your students a question: Would you ever give blood to save someone's life? Why? Why not? Allow some time your students to think about it. Then have a short class discussion. Write some of your students' answers on the board (yes and no answers).	5 min	
Main part of the lesson	To get students interested in the topic and to check/develop their vocabulary	1. Reading Tell your students to go to page: http://www.blood.co.uk/about-blood/history/ and do the interactive tutorial on the history of blood transfusion. Explain any vocabulary that is not clear. After doing the tutorial ask your students to express their opinions about it. Ask your students to make a list of reasons why people might be unwilling to donate their blood. Discuss the possible reasons with your students.	10 min	http://www.blood.co.uk/about-blood/history/
	To help students to describe different reason and problem analysis. To read and analyze diagrams.	2. Task Ask your students if they know anything about blood type and if they know what type of blood they have. Then go to page : http://www.blood.co.uk/about-blood/blood-group-basics/http://theday.co.uk/health/giving-the-gift-of-life-kidney-donors-double and look at the diagram presenting blood group systems. Then discuss it with your students.	15 min	http://www.blood.co.uk/about-blood/blood-group-basics/

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	To learn some facts about blood compounds.	<p>Next go to page: http://www.blood.co.uk/about-blood/blood-around-the-world/ and look at the diagrams presenting blood around the world. There are different ethnic groups and their blood types. Discuss any differences and similarities between these groups with your students.</p> <p>3. Reading</p> <p>Tell your students that now they are working in a science lab and they have to find out as much information as they can about each blood compound they get on the worksheets. They may use different various internet resources to add any extra information they can find. Ask your students to work in pairs or individually depending on the size of your class. Give your class some time to do this task. After a given time each person or group present their findings. Any vocabulary that is not clear should be explained at this stage.</p>	15 min	<p>http://www.blood.co.uk/about-blood/blood-around-the-world/</p> <p>Worksheet A/B/C/D/E</p>
Wrap-up	To summarize the material covered during the lesson. To give students a project. To develop their skills for webquest materials analysis.	Ask students about some words which were used during the class and checks if students remember some facts about blood transfusions. Tell your students that their homework is to prepare a project – presentation on why blood is so important and how we can encourage people to donate their blood.	2-3 min	

Sources:

<http://www.blood.co.uk/about-blood/history/>

<http://www.blood.co.uk/about-blood/blood-group-basics/>

<http://www.blood.co.uk/about-blood/blood-around-the-world/>

Credits:

Article and information on organ donors from www.blood.co.uk