

Human heart

Topic/language idea: Human heart.

Class: Middle school/high school

Level: Intermediate/upper-intermediate.

Time : 45 minutes

Aims:

- To learn about human heart anatomy
- To learn how the heart works
- To create a Polish- English glossary
- To learn facts about human heart
- To learn idiomatic expressions with the word heart
- To look for specific information on the internet
- To read for specific information
- To transfer the information.
- To use web pages

CLIL: biology, human anatomy

Materials : included photocopies, access to the internet and personal computer, speakers.

STAGE	AIMS	PROCEDURE	CLASSROOM LANGUAGE	TIME	MATERIALS
Introduction	To start the lesson	Check the register /check homework		1 min/ 6 min	
Warm –up activity	To provide students with introduction to the topic	Ask the students to work in pairs using the dictionaries. Ask the students to write a short explanation of the idiom and to use it in a sentence. Check the answers as a class.	Look at the idioms with the word heart . Can you guess their meaning? Use the dictionary to help you.	10min	
The main part of the lesson	To learn the anatomy of the human heart.	Ask the students to study the anatomy of the human heart in pairs.	Vocabulary connected with the heart anatomy	2 min	Worksheet 1 Internet
	To create a Polish-English glossary	Using the dictionaries, and the internet ask the students to complete the chart. Students can use dictionaries, but also human heart drawing with Polish explanations and try to work out the meanings of the words.	Students complete the chart	15 min	

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	To learn about functioning of the heart	Ask the students to work individually, go online and find answers to the questions. Monitor time and check the answers as a class.	Go online and find the answers to these questions about the heart: What is the heart? What are the functions of the heart? What size is the heart? What is the average heart rate per minute? How many chambers are there in your heart?	7min	
	To learn how the heart works and pumps blood	Ask the students to watch a film how the heart works and summarise what they have seen.	Now look at a short film and see how the heart works: http://kidshealth.org/kid/closet/movies/CSmovie.html#cat20580	5 min	
Wrap- up	To summarise the lesson and learn more facts about the heart	Ask the students to go online and read the strange and fascinating facts about human heart.	Read the incredible facts about human heart: http://www.mercola.com/infographics/human-heart-facts.htm	5min	

Sources:

<http://kidsactivitiesblog.com/wp-content/uploads/2012/02/heart-anatomy-for-kids-Kids-Activities-Blog.jpg>

<http://kidshealth.org/kid/htbw/heart.html#>

<http://www.sciencekids.co.nz/sciencefacts/humanbody/heart.html>

<http://www.pbs.org/wgbh/nova/heart/heartfacts.html>

<http://kidshealth.org/kid/closet/movies/CSmovie.html#cat20580>

<http://www.mercola.com/infographics/human-heart-facts.htm>