

Liver and its functions

Level: upper -intermediate (B2)

Time: 45 minutes

Aims:

- To learn or revise vocabulary connected with body organs – liver
- To learn about liver diseases
- To learn about liver transplant
- To learn about liver functions
- To develop reading skills
- To develop speaking skills
- To use the Internet to look for information

Language functions:

- To describe food digestion – liver
- To talk about liver functions
- To talk about our body and liver problems
- To discuss liver transplant problems
- To discuss the healthy lifestyle

CLIL: Biology/ Chemistry/ IT

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 learn new facts about liver and digestion.	Start your lesson by giving your students Worksheet A – a picture presenting human body with the main organs. Check if students understand the names and explain any difficult vocabulary connected with the picture. Then tell your students that today's topic of the lesson is the largest solid organ in our body. Ask your students to guess what this organ is. If they still don't know add some extra information such as its function – taking out any toxins in our blood and cleaning it. Your students should have guessed its name by now.	5 min	Worksheet A
Main part of the lesson	<p>To get students interested in the topic and to check/develop their vocabulary</p> <p>To help students to understand and analyze liver functions. .</p>	<p>1. Brainstorming. Put students into pairs or small groups and tell them to go to page: http://www.bbc.co.uk/science/humanbody/body/factfiles/liver/liver.shtml and read some facts about liver and its functions. Next ask some questions checking if student know and understand this part. Make sure your students checked a 3 D image of the liver.</p> <p>2. Reading comprehension Give your students worksheet B and ask them to read the most important facts about liver. After reading ask your student to do activity 1 Worksheet C Students work in pairs or small groups. Before checking, ask groups/pairs to compare their answers.</p>	<p>8 min</p> <p>15 min</p>	<p>http://www.bbc.co.uk/science/humanbody/body/factfiles/liver/liver.shtml</p> <p>Worksheet B and C</p>

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	<p>To learn some facts about liver and digestion.</p> <p>To learn new vocabulary connected with liver diseases and conditions.</p>	<p>3. Discussion</p> <p>Ask your student to think of the most common reasons why people have problems with liver. Ask your student what is necessary for a healthy diet. Try to brainstorm some ideas. You may also put them on the board. Then tell your students to go to page: http://www.britishlivertrust.org.uk/liver-information/liver-conditions/ and read some facts about liver conditions and diseases. After reading ask your student to list the most important factors that contribute to liver diseases. Ask one student to make a list on the board.</p>	15 min	http://www.britishlivertrust.org.uk/liver-information/liver-conditions/
Wrap-up	To summarize the material covered during the lesson.	<p>Tell your students that this will be their project- to design a webquest on various diseases or problems connected with liver. Each group chooses one disease or problem from the list on : http://www.britishlivertrust.org.uk/liver-information/liver-conditions/</p> <p>Give your students 2-3 weeks to design the webquest. Then let them present their projects during the lesson.</p>	2 min	http://www.britishlivertrust.org.uk/liver-information/liver-conditions/

Sources:

<http://www.bbc.co.uk/science/humanbody/body/factfiles/liver/liver.shtml>

<http://www.britishlivertrust.org.uk/liver-information/liver-conditions/>

Credits:

Interactive game and information: www.bbc.co.uk and www.britishlivertrust.org.uk

Article: www.primaryleap.co.uk