

Human skeleton

Topic/language idea: Human skeleton.

Class: Middle school/high school

Level: Intermediate/ upper intermediate.

Time: 45 minutes

- Aims: To learn about human skeleton and bones.
- To learn vocabulary connected with human body.
- To look for specific information on the internet.
- To read for specific information
- To transfer the information.
- To use web pages.

CLIL: biology

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		1/6 min	
Warm-up activity	To provide students with introduction to the topic	Ask the class to name the parts of the body, internal organs and their functions. Write them on the board.	Can you name the main parts of human body? Can you name any internal organs? Can you tell the class what is their function and why do we need them?	5 min	board
The main part of the lesson	To teach the students about homo erectus and Turkana boy	Ask the students to work in pairs and look for the information on the Internet.	Have you ever heard a term <i>homo erectus</i> ? What does it mean? Go to http://humanorigins.si.edu/evidence/human-fossils/fossils/knm-wt-15000 and read about Turkana boy. What information can we get just from analyzing his skeleton?	10 min	Worksheet 1 Internet
	Gather information about human skeleton, function of the bones.	Student go on-line and look for answers to the questions.	Work in pairs complete the following tasks and find the following information: http://www.teachpe.com/anatomy/types_of_bones.php http://kidshealth.org/kid/htbw/bones.html http://www.cyh.com/HealthTopics/HealthTopicDetailsKids.aspx?p=335&np=152&id=2523	10 min	
	Check what the students learnt in the course of the lesson	Student do the quiz individually.	Now go to http://kidshealth.org/kid/htbw/SSquiz.html ?tracking=K_RelatedArticle and do the quiz ! Good luck!	10 min	
	To learn about the structure of a long bone.	Ask the students to draw a structure of a long bone on their Worksheets.	Draw the structure of a long bone, make sure you mark: <i>spongy bone, compact bone, periosteum, yellow bone marrow, and blood vessels.</i>	5 min	

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Wrap-up	Revise the new information	Ask the students to watch a song and sing along.	Listen to the song and have fun! http://www.youtube.com/watch?v=QKAg2oIEu9w	5 min	Internet
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Sources:

<http://humanorigins.si.edu/evidence/human-fossils/fossils/knm-wt-15000>

http://www.teachpe.com/anatomy/types_of_bones.php

<http://kidshealth.org/kid/htbw/bones.html>

<http://www.cyh.com/HealthTopics/HealthTopicDetailsKids.aspx?p=335&np=152&id=2523>

http://kidshealth.org/kid/htbw/SSquiz.html?tracking=K_RelatedArticle

<http://www.youtube.com/watch?v=QKAg2oIEu9w>

<http://visual.merriam-webster.com/human-being/anatomy/skeleton/structure-long-bone.php>