

DNA AND CRIME

TOPIC/ LANGUAGE AREA: Genetics, DNA, police investigation

LEVEL: intermediate

Time: 45 minutes

Objectives:

- to learn or revise biological and crime terminology
- to learn about various aspects of criminal investigation
- to develop reading comprehension and speaking skills

Language functions:

- to communicate with others about the importance of DNA
- to talk about crime investigation
- to understand a written text

CLIL: Biology

MATERIALS:

For this lesson, you will need:

- Computer with Internet access

STAGE	AIMS	PROCEDURE	MATERIALS/ RESOURCES	TIME
Warm up	-to make sts interested in the topic -to develop speaking skills	Students work in pairs. They ask each other questions: •Do you know someone who has been a victim of a violent crime? •Do you think that punishment for violent crimes should be the same for juveniles and adults? Why/why not? •Do you think there will be more or less crime in the future? •Have you ever heard of DNA? What is it?		5 min

Main part of the lesson	-to develop and revise biological terminology	Online quiz Students work on an online quiz: DNA Fingerprinting. They work in pairs so they can consult their answers.	http://www.medindia.net/medical-quiz/quiz-on-dna-fingerprinting.asp	8 min
	-to develop listening skills -to learn about some aspects of criminal investigation	Listening Comprehension Students watch a short video on YouTube and they have to answer a question "How is DNA used in a criminal prosecution?". They watch it only once.	https://www.youtube.com/watch?v=oQFA7vMjGkg	8 min
	-to develop reading skills -to check reading comprehension -to revise criminal terminology	Reading Comprehension Before reading, sts are given a worksheet (worksheet 1) with a number of words from the text that might be difficult. Students read an article about taking DNA samples from a teenage girl. They can do it online (http://news.yahoo.com/blogs/abc-blogs/cops-school-kids-dna-murder-case-012952307--abc-news-topstories.html) or use a text provided by their teacher (worksheet 2) After reading the text, sts turn to comprehension questions (worksheet 3)	worksheet 1 worksheet 2 worksheet 3	20 min
Wrap – up/ closure	-to develop listening skills	Listening Students listen to a song by Johny Cash "Prison Blues". They have to complete the gaps.	worksheet 4 https://www.youtube.com/watch?v=rX009sWzRQg	5 min