

Northern Lights

Level: upper-intermediate (B2)

Time: 45 minutes

Aims:

- To learn some facts about the Northern Lights
- To explain how they are created
- To listen for detailed information
- To recognize some words connected with physics
- To watch a video and recognize the main idea
- To look for specific information in the internet (preparation for WebQuest)

Language functions:

- To describe the Northern Lights
- To talk about the Northern Lights
- To read and complete missing information
- To talk about project.

CLIL: Physics, Geography and IT technology.

Materials: web pages, worksheets

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 Northern Lights	Teacher asks students if they know anything about the Northern Lights or if they have ever seen them. Then asks students to look for any images of the Northern Lights they can find on the internet and write down the names of places they appear. Next students compare their names.	5 min	Internet
Main part of the lesson	The aim of this task is to get students interested in the topic and to check/develop their vocabulary. To prepare students for the project.	<p>1. Brainstoring Teacher tells Ss to go to page: http://www.bbc.co.uk/guides/zxdpcdm and watch the 1st part of the film about Northern Lights. Teacher checks if SS understand the main idea of this short film and explains the other name – Aurora Borealis.</p> <p>2. Video part 2 – Vocabulary What Northern Lights are and why they matter. Before watching this part of the film Teacher asks students if they know how Northern Lights are created and why they are so important. Teacher also explains some vocabulary connected with this film such as: Electric current, atmosphere, generate, solar energy, solar burst, cycle. Then students go to page : http://www.bbc.co.uk/guides/zxdpcdm#zwcmlvcw and watch the second part of the film about Northern Lights. Teacher checks if students understand this part of the film.</p>	<p>5 min</p> <p>5-7 min</p>	<p>http://www.bbc.co.uk/guides/zxdpcdm</p> <p>http://www.bbc.co.uk/guides/zxdpcdm#zwcmlvcw</p>

		<p>3. Vocabulary</p> <p>Teacher explain students that they are going to watch the third part of the film and then they will have to complete the missing information on worksheet A.</p> <p>But firstly, they will watch it for general understanding. Students go to page : http://www.bbc.co.uk/guides/zxdpcdm#zwcmlvcw and watch the 3rd part of the film.</p> <p>Teacher gives out Worksheet A and asks students to complete the gaps. Teacher checks if students know the meaning of the words, if not tries to explain them.</p> <p>Next students compare their own ideas. Any new vocabulary that appears in this task should be clarified.</p> <p>Then Students can watch the video again to check if they have all the good answers.</p>	10 min	<p>worksheet A</p> <p>http://www.bbc.co.uk/guides/zxdpcdm#zwcmlvcw</p>
		<p>4. Introduction to the project – video 4</p> <p>Teacher explains students that they are going to make their own projects – Webquests about the Northern Lights- places where you can see them. But first they will watch a 4th part of the film- the interview with an amateur photographer who filmed the Northern Lights.</p> <p>After watching this part, Teacher asks students if they like the photos and film. Next students got to page: http://www.bbc.co.uk/guides/zxdpcdm#zwcmlvcw and look at the places where you can see the Northern Lights in UK.</p> <p>Students watch also the 6th part of the film where different types of Northern Lights are mentioned.</p>	10 min	<p>http://www.bbc.co.uk/guides/zxdpcdm#zwcmlvcw</p>
Wrap-up	To summarize the lesson, To check what students remember	<p>Teacher asks students about some words which were used during the class and checks if students remember some facts from the lesson (do an exercise – Worksheet B). The material covered during the lessons can be an introduction to a project done by means of WebQuest – ‘The Northern Lights’.</p> <p>Students also do a short quiz on the page : http://www.bbc.co.uk/guides/zxdpcdm#zxjs9j6</p> <p>The quiz is designed to check some information about the Northern Lights.</p>	10 min	<p>Worksheet B</p> <p>http://www.bbc.co.uk/guides/zxdpcdm#zxjs9j6</p>

Useful links for videos and information:

www.wikipedia.com

<http://www.bbc.co.uk/guides/zxdpcdm#zxjs9j6>

<http://www.bbc.co.uk/guides/zxdpcdm#zwcmlvcw>

<http://www.bbc.co.uk/guides/zxdpcdm>

Credits: pictures and video: www.bbc.co.uk