

## Mountain climate

*Level:* upper-intermediate (B2)

*Time:* 45 minutes

*Aims:*

- To learn about different types of climate
- To learn about mountain weather and conditions
- To learn about different places in the world
- To collect, present and interpret data
- To look for specific information in the internet
- To transfer the information.

*Language functions:*

- To describe places, conditions and changes
- To plan and analyze
- To read for specific information
- To present different kinds of data
- To use diagrams and graphs.

*CLIL:* Maths, Geography and Biology.

*Materials:* web pages, PowerPoint presentation, worksheets

STAGE	AIMS	PROCEDURE	TIME	MATERIALS
Warm-up activity	To provide students with introduction to the topic	Ask your students if they remember different types of climate. If so, write down their ideas on the board and then show a short PowerPoint Presentation about climate. If student don't remember, the presentation will be a very useful material to remind them about climate facts.	5-6 min	PowerPoint Presentation
Main part of the lesson	To introduce the project. To get students interested. To work with web pages. To look for specific information. To transfer the information.	<b>1.Introduction - brainstorming .</b> Show your students Worksheet A and ask about the mountain weather. What we can expect in the mountains? Write down some of their ideas. Then show your students worksheet B and ask them about their predictions. Write some of the ideas on the board. Next Give your students worksheet C and ask to find these places on the map. (Cusco- Peru/ Kathmandu / Snowdonia – Capel Cuig ). If your student have problems, they can use the internet to help. Then tell your students that they are going to investigate different weather conditions in these places.	10-12 min	Worksheet A-B-C.  Web pages : see useful links

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		<p><b>2. Task</b> Divide your students into 3 groups. Each group has the same task to do- to find and calculate different data about their places. Each group will have a different place to do (Peru/ Kathmandu/ Snowdonia). Give your students about 15 – 20 minutes to do the task. .</p> <p><b>3. Presentation</b> After 15-20 minutes, each group should present their answers and information they were able to calculate and find in the internet.</p>	<p>15-20 min</p> <p>5 min</p>	
Wrap-up	Project - webquest	Tell your students that they will prepare a webquest on this topic- a Mountain climate on the basis of the information they found during the lesson. Students should different places and they may have 2-3 weeks to prepare the webquest in the same groups they were working during the lesson.	2-3 min	

*Sources:*

Peru: <http://www.worldweather.org/029/c00110.htm>

Kathmandu: <http://www.worldweather.org/031/c00114.htm>

Snowdonia:

[http://www.metoffice.gov.uk/loutdoor/mountainsafety/snowdonia/snowdonia\\_latest\\_pressure.html](http://www.metoffice.gov.uk/loutdoor/mountainsafety/snowdonia/snowdonia_latest_pressure.html)

Notes:

You can give students web pages or let them find their own sources. However, some guidance here is required.

*Credits:*

pictures and graphs : [www.worldweather.org](http://www.worldweather.org)