

## Animal adaptation

Topic/language idea: Animal adaptation.

Class: Middle school/high school

Level: Intermediate/ upper-intermediate.

Time : 45 minutes

Aims:

- To learn about animal adaptation
- To learn about animal adaptation to the environment
- To learn about animal locomotion as a sign of adaptation
- To look for specific information on the internet
- To read for specific information
- To transfer the information.
- To use web pages, work in a group.

CLIL: Geography, Biology

Materials : included photocopies, access to the internet and personal computer, speakers.

STAGE	AIMS	PROCEDURE	CLASSROOM LANGUAGE	TIME	MATERIALS
Introduc- tion	To start the lesson	Check the register /check homework		1 min/ 6 min	
Warm –up activity	To provide students with introduction to the topic	Ask the students about adaptation . What do they know about it ? Why is it important ?	All living organisms have to adapt to survive.  Why ? What is adaptation ? Try to write a short definition of adaptation.	5 min	
The main part of the lesson	To learn about ex- treme habitat types .  To learn about animal adaptation to extreme habitat.	Group work.  Ask the students to go on- line and find the examples of animal adaptation to extreme environment.  Monitor the time closely and check the answer after each task.	Let's have a look at animal adaptation to their habitat first. Go to <a href="http://resources.woodlands-junior.kent.sch.uk/home-work/adaptations/desert.htm">http://resources.woodlands-junior.kent.sch.uk/home-work/adaptations/desert.htm</a>  <a href="http://www.bbc.co.uk/nature/adaptations/Desiccation_tolerance">http://www.bbc.co.uk/nature/adaptations/Desiccation_tolerance</a>  <a href="http://www.bbc.co.uk/nature/adaptations/Psychrophile">http://www.bbc.co.uk/nature/adaptations/Psychrophile</a>  <a href="http://www.bbc.co.uk/nature/adaptations/Thermophile">http://www.bbc.co.uk/nature/adaptations/Thermophile</a>  and find information and ex- amples of animal adaptation to these three extreme habitats.	10 min	Worksheet 1  Internet

## Animal adaptation

	To learn about animal adaptation to different ways of locomotion.	Divide the class into 6 groups, set a task for each group, ask the students to read information and prepare a short presentation.	<p>Animals also adapted to different ways they move. In 6 groups prepare a short presentation about animal adaptation to different ways of locomotion.</p> <p><a href="http://www.bbc.co.uk/nature/adaptations/Climbing">http://www.bbc.co.uk/nature/adaptations/Climbing</a></p> <p><a href="http://www.bbc.co.uk/nature/adaptations/Flight">http://www.bbc.co.uk/nature/adaptations/Flight</a></p> <p><a href="http://www.bbc.co.uk/nature/adaptations/Gliding_%28flight%29">http://www.bbc.co.uk/nature/adaptations/Gliding_%28flight%29</a></p> <p><a href="http://www.bbc.co.uk/nature/adaptations/Jumping">http://www.bbc.co.uk/nature/adaptations/Jumping</a></p> <p><a href="http://www.bbc.co.uk/nature/adaptations/Running">http://www.bbc.co.uk/nature/adaptations/Running</a></p> <p><a href="http://www.bbc.co.uk/nature/adaptations/Aquatic_locomotion">http://www.bbc.co.uk/nature/adaptations/Aquatic_locomotion</a></p>	7 min	
	To present students own work to the class	Allow for each group to present their information to the rest of the class	Students' presentations	20 min	
Wrap- up	To prepare introduction to the next lesson	Set homework	Think about camouflage as an example of adaptation. Can you think of any animals that use camouflage ? Find out what mimicry is.	2 min	

Sources:

<http://resources.woodlands-junior.kent.sch.uk/homework/adaptations/desert.htm>

[http://www.bbc.co.uk/nature/adaptations/Desiccation\\_tolerance](http://www.bbc.co.uk/nature/adaptations/Desiccation_tolerance)

<http://www.bbc.co.uk/nature/adaptations/Psychrophile>

<http://www.bbc.co.uk/nature/adaptations/Thermophile>

<http://www.bbc.co.uk/nature/adaptations/Climbing>

<http://www.bbc.co.uk/nature/adaptations/Flight>

[http://www.bbc.co.uk/nature/adaptations/Gliding\\_%28flight%29](http://www.bbc.co.uk/nature/adaptations/Gliding_%28flight%29)

<http://www.bbc.co.uk/nature/adaptations/Jumping>

<http://www.bbc.co.uk/nature/adaptations/Running>

[http://www.bbc.co.uk/nature/adaptations/Aquatic\\_locomotion](http://www.bbc.co.uk/nature/adaptations/Aquatic_locomotion)