

## Ecosystems

**TOPIC :** ecosystem, species, competition, wildlife, environment, landscape

**LEVEL :** upper intermediate/advanced

**Time :** 45 minutes

**Objectives:**

- to learn or revise vocabulary connected with ecosystems
- to learn about ecosystems and ecology
- to develop reading, speaking and listening comprehension skills
- to enable students use the Internet to gather specific information

**Language functions:**

- to exchange ideas about ecosystems
- to understand a written text
- to communicate in English

**CLIL:** Biology, IT Technology

**MATERIALS:** websites, worksheets

For this lesson, you will need:

- Computer with Internet access and headphones

STAGE	AIMS	PROCEDURE	MATERIALS/ RESOURCES	TIME
<b>WARM UP</b>	<p>-to get students interested in the topic</p> <p>-to encourage them to work in pairs</p>	<p><b>PAIR WORK</b></p> <p>Sts work in pairs. They are given a handout (worksheet 1) with some questions on ecology and environment. They take turns and ask each other questions. They are encouraged to ask follow up questions to get more details.</p>	<p>Worksheet 1</p> <p><a href="http://www.esldiscussions.com/e/environmental_problems.html">http://www.esldiscussions.com/e/environmental_problems.html</a></p>	10 min
<b>MAIN PART OF THE LESSON</b>	<p>- to develop reading comprehension, vocabulary, and summarizing skills</p> <p>-to learn about ecosystems</p>	<p><b>READING COMPREHENSION</b></p> <p>Sts are told that they are going to read a text on ecosystem titled <b>The Concept of the Ecosystem.</b></p> <p>They go the following website:  <a href="http://www.globalchange.umich.edu/globalchange1/current/lectures/klings/ecosystem/ecosystem.html">http://www.globalchange.umich.edu/globalchange1/current/lectures/klings/ecosystem/ecosystem.html</a> and read about the text. After accomplishing the task, they have to do answer some questions (worksheet 2). When they finish, students compare answers with the rest of the class.</p>	<p>Worksheet 2</p> <p><a href="http://www.globalchange.umich.edu/globalchange1/current/lectures/klings/ecosystem/ecosystem.html">http://www.globalchange.umich.edu/globalchange1/current/lectures/klings/ecosystem/ecosystem.html</a></p>	10 min

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	<p>-to develop listening skills</p> <p>- to develop some terminology connected with ecosystems</p>	<p><b>LISTENING</b></p> <p>Sts are asked to give a definition of an ecosystem.</p> <p>They are told they are going to watch a short video titled <b>What is an Ecosystem?</b> On the following website: <a href="http://www.eslvideo.com/esl_video_quiz_intermediate.php?id=4727">http://www.eslvideo.com/esl_video_quiz_intermediate.php?id=4727</a> After that, they are asked to answer some multiple choice questions and submit the answers online.</p>	<p><a href="http://www.eslvideo.com/esl_video_quiz_intermediate.php?id=4727">http://www.eslvideo.com/esl_video_quiz_intermediate.php?id=4727</a></p>	10min
	<p>-to revise vocabulary</p> <p>- to revise basic knowledge about ecosystems</p>	<p><b>ONLINE QUIZ</b></p> <p>Sts go to the following website: <a href="http://www.softschools.com/quizzes/science/ecosystems/quiz460.html">http://www.softschools.com/quizzes/science/ecosystems/quiz460.html</a> where they find a self- check online quiz on ecosystems. It contains 10 questions. If they find it difficult they can surf the Internet to find the answers or translate unknown vocabulary.</p>	<p><a href="http://www.softschools.com/quizzes/science/ecosystems/quiz460.html">http://www.softschools.com/quizzes/science/ecosystems/quiz460.html</a></p>	10 min
<b>WRAP - UP/ CLOSURE</b>	<p>-to revise vocabulary which sts came across during the lesson</p>	<p><b>WORDSEARCH PUZZLE</b></p> <p>Students get a handout (worksheet 3) with a word search featuring words related to physics and Pascal's law . If time does not allow to do it in the classroom, they will do it as their homework.</p>	Worksheet 3	5 min

### SOURCES

[http://www.esldiscussions.com/e/environmental\\_problems.html](http://www.esldiscussions.com/e/environmental_problems.html)

<http://www.globalchange.umich.edu/globalchange1/current/lectures/klings/ecosystem/ecosystem.html>

[http://www.eslvideo.com/esl\\_video\\_quiz\\_intermediate.php?id=4727](http://www.eslvideo.com/esl_video_quiz_intermediate.php?id=4727)

<http://busyteacher.org/pdfpuzzle.php?id=66414>