

Photosynthesis

Level: intermediate (intermediate plus) B1/ B1+

Time: 45 minutes

Aims:

- To learn or revise vocabulary connected with photosynthesis
- To learn about photosynthesis
- To develop reading and comprehension skills
- To develop speaking skills

Language functions:

- To describe the process of photosynthesis
- To talk about plants and leaves
- To analyze the processes
- To contrast and compare
- To transfer information.

CLIL: Biology/ Chemistry/ IT

Materials: Worksheets and web pages

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 the process of photosynthesis	1. Brainstorming. Show your students pictures of plants (various species with leaves). Ask students to choose the one they know and can name. Students try to guess what kind of plants are shown. Elicit some answers, if students cannot guess correctly, use some hints to elicit the correct answer. Place the pictures and the names on the board.	5 min	Various pictures of leaves/ plants.
Main part of the lesson	To get students interested in the topic and to check/develop their vocabulary	1.Introduction Tell your students that the topic of this lesson is the process of photosynthesis. Put students into pairs or small groups and give out Worksheet A. Students try to complete the table with their own ideas. Then groups/pairs compare their own ideas.	5 min	Worksheet A
	To help students to understand and analyze photosynthesis. To see differences and similarities.	3.Vocabulary – Presentation Show your students the presentation on photosynthesis. Check if students know the meaning of the words , if not try to explain them. Give your students some time to look at the slides and take notes, if necessary. Any new vocabulary that appears in this task should be clarified. After the presentation give your students Worksheet B- some facts about photosynthesis. Students can work in pairs or small groups. They answer the questions True/ False. Check their answers after given time.	10 min	Worksheet B
			10 min	

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	To learn and revise some words connected with photosynthesis.	4. Crossword. To check students understanding of the process of photosynthesis, give them Worksheet C – students can work individually or in pairs. Give them some time to do the task- about 7-8 minutes. . Then teacher checks the answers and gives students a point for each correct answer and finds out which pair/group gets the best score. (2-3 minutes for checking the answers)	7-8 min 2-3 min	Worksheet C
Wrap-up		Teacher asks students about some words which were used during the class and checks if students remember some facts about the process of photosynthesis by doing the task – Worksheet D. Check the answers with your students.	4-5 min	

Sources:

www.wikipedia.org

http://www.biology4kids.com/files/plants_photosynthesis.html

<http://www.neok12.com/Photosynthesis.htm>

Credits:

Pictures for presentation: <http://www.neok12.com/Photosynthesis.htm>