

Tomatoes save lives

Level: intermediate (intermediate plus) B1/ B1+

Time: 45 minutes

Aims:

- To learn or revise vocabulary connected with food
- To learn about tomatoes beneficial values
- To learn about tomatoes growing
- To become aware of the links between farming and business
- To revise information about photosynthesis
- To develop reading and comprehension skills
- To develop speaking skills

Language functions:

- To describe beneficial values of tomatoes
- To talk about farming and business
- To talk about chemical reactions concerning plants growing
- To discuss the links and connections between farming and business
- To calculate and analyze.

CLIL: Biology/ Chemistry/ Maths and IT

Materials: A photo of tomato, worksheet A 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 benefits of eating tomatoes.	Start your lesson by showing your students a picture of tomato. Ask your students if they have eaten this vegetable. Then ask your student if they think this is a healthy food if so, what are the benefits of eating tomatoes. Make a list of possible answers on the board.	5 min	Photo of tomato
Main part of the lesson	<p>To help students to describe different aspects of globalization.</p> <p>To get students interested in the topic and to check/develop their vocabulary</p>	<p>1.Introduction Give your students a list of words they will need during the lesson (Worksheet A). Make sure they understand these words. If not, allow some time to check the meaning of the words by using the online dictionary.</p> <p>3.Task Tell your student to go to page : http://www.thetomatozone.co.uk/secondary/index.html This is an especially designed interactive page with all the information concerning tomato. Start by doing the Numbers Game. There students can see how important are different factors in growing vegetables. They can observe the change in crops and look at the diagram presenting the total numbers of crops. Then go to Hydroponics Workshop where students can investigate the mineral requirements for growing tomato plants.</p>	<p>5 min</p> <p>30 min</p>	<p>Worksheet A</p> <p>http://www.thetomatozone.co.uk/secondary/index.html</p>

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	To learn some facts about tomatoes, farming, photosynthesis and chemical reactions.	This workshop also deals with the topic of minerals, photosynthesis and other chemical reactions concerning tomato growing. At each stage student can check their answers as this is an online interactive game. There are also extra information for the teacher at each step. Make sure your students go through every stage of the game and understand the task. If there is any vocabulary they don't know, explain or tell them to look at their notes on the lesson about plants growth.		
Wrap-up	To summarize and evaluate.	Teacher asks students about some words which were used during the class (optional task – worksheet B) and checks if students remember some facts from the lesson. Then tell your students that they will write an article about tomatoes saving lives. Give your students 1 week to do the task. Give your students a list of useful websites they can use for writing their article.	5 min	Worksheet B

Credits:

Interactive game: <http://www.thetomatozone.co.uk/secondary/index.html>

Sources:

www.britishtomatoes.co.uk/newsite/press/presspack2006.pdf.

www.britishtomatoes.co.uk/newsite/health/mfr.html.

www.lycopene.org.

news.bbc.co.uk/1/hi/health/3239483.stm.

www.nutraingredients.com/news/ng.asp?id=69958-lycored-lycopene-tomato-health-claims.