

Energy Project

An electrode of copper and an electrode of zink are put into an orange (an apple, tangerine, lemon). Electric voltage is then measured between them using a voltmeter.

What happens between the electrode and the fruit?

Find out how voltage value depends on material of the electrodes, their distance and size.

Determine the voltage between the electrodes (Cu-Zn) in five different fruits.

For example:

fruit	lemon	orange	tangerine	apple	others
voltage					

Make a presentation of your results and illustrate them with pictures of your pupils working on the project.

Find out how your country produces electricity. What kinds of power plants are there?

Make different graphs illustrating the amount of power produced compared to the total electricity production of the country. Compare the use of renewable sources to not- renewable sources.

Make a presentation of your results.

Publish your work on the common web page of the project.