

## LESSON PLAN

Prepared by:

<b>Area covered:</b> <i>Anamur Vocational and Technical Anatolian High-school</i>	main topic: <b>Our ecological footprint</b>		Content of the lesson: Environmentally conscious education, the concept of ecological footprint and possible ways of reducing it
<b>Students: year, specialization, number of students</b>	High-school students aged between 13 -18	Information Technology and Finance & Accounting	250
<b>Students' previous knowledge:</b>	Basic knowledge about environment and pollution (i.e. air pollution, water pollution, sound pollution etc.)		
<b>Lesson aims:</b>	By the end of this lesson students will: <ul style="list-style-type: none"> <li>- Be able to learn the term “carbon footprint” and how to optimize it.</li> <li>- Create environmental awareness among students</li> <li>- Learn how to put the carbon footprint emission reduction into practice.</li> </ul>		
<b>Main competences to develop:</b>	<ul style="list-style-type: none"> <li>- Encourage public transportation</li> <li>- Encourage use of bicycles instead of motorbikes and cars</li> <li>- Make students use local nutrition, goods and services rather than buying from big supermarkets.</li> <li>- Emphasize the importance of recycling and make recycling as a part of a daily routine.</li> </ul>		
<b>Equipment, materials:</b>	<ul style="list-style-type: none"> <li>- A folder; including a notebook, informational booklet, a eco-friendly pen,invitation for multiplier event</li> <li>- Smart Board</li> <li>- Power point presentation</li> <li>- PC</li> <li>- Videos about environment, water usage, recycling management</li> </ul>		
<b>Time required:</b>	2 consecutive 40 minute lessons: 40' + 40' = 80 minutes		

Activities			
Time (minutes)	Lesson procedure (Content) (Areas are to be covered)	Grouping, organisation, methods (Activities carried out, methods used)	Equipment, materials
15 mins	Intorucing: the subject (ECO2 European Carbon Foot Print Optimization)	Power Point Presentation on smartboard	PC, Smartboard, presentation file
15 mins	The studies which have been carried out about the project until now.	Information sharing about online and transnational meetings on powerpoint	PC, Smartboard, presentation file
10 Mins	Introducing carbon foot print calculator to students	All saved data is shown to students including water usage electric usage, food & transportation	PC, Smartboard, presentation file
Break time			
20 Mins	Showing project partners' educational videos	3D Videos of (1)ecological footprint, (2)recycling management, (3)usage of energy, (4)water usage (5 mins each video)	PC, Smartboard, presentation file
10 Mins	Survey about Water Usage and Environment	Surveys are distrubuted to students (1)Caron Foot Print Optimization – 32 Questions, (2)Water and Energy Use Survey – 20 Questions	Survey 1 Survey 2
10 Mins	Q & A Session and	Questions from students are answered.	
<b>Method of assessment</b>	<b>Communicative Approach.</b>		
<b>References</b>			

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