

## LESSON PLAN

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<b>Area covered:</b>	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>	Year 9 - 10.	vocational school, secondary technical school	24 – 32 students
<b>Students' previous knowledge:</b>	<p>In the field of environment and sustainability, the analysis of the causes of environmental damage, industrial disasters, opportunities to avoid them. Strengthening rational and responsible approach to consumption patterns. Recognizing local environmental problems, collecting information, formulating individual opinions. Basic environmental knowledge, soil, air, water pollutants, fossil and renewable energy sources. Developing health and environmentally conscious behaviour, engaging in environmental activities. Appreciation and protection of national and natural values.</p>		
<b>Lesson aims:</b>	<ul style="list-style-type: none"> <li>• use of prior environmental knowledge in a complex context, opinion creation, information processing, and demonstration using ICT tools</li> <li>• understanding basic concepts: ecological footprint, global climate change, greenhouse effect</li> <li>• getting to know the components of an ecological footprint</li> <li>• learning about and acquiring behaviours related to sustainable development</li> <li>• strengthening environmental responsibility, environmentally conscious behaviour</li> </ul>		
<b>Main competences to develop:</b>	<p><b>Personal competences:</b> responsibility, attention</p> <p><b>Social competences:</b> situation recognition, determination, organizing and initiating skills, compliance, responsibility</p>		

	<p><b>Cognitive competences:</b> ability to acquire and analyse information, understand connections, and draw conclusions</p> <p><b>Work related and health competence:</b> interpreting and applying concepts in a trade specific way</p> <p><b>Enhancing environmental awareness:</b> getting to know the possibilities of reducing the ecological footprint</p>
<b>Equipment, materials:</b>	ICT tools, internet, PowerPoint presentation, pictures, video
<b>Time required:</b>	45 minutes

Activities			
Time (minutes)	Lesson procedure (Content) (Areas are to be covered)	Grouping, organisation, methods (Activities carried out, methods used)	Equipment, materials
10	Preliminary assessment of the knowledge of the ecological footprint	interactive conversation: <ul style="list-style-type: none"> <li>under the guidance of a teacher, a preliminary knowledge assessment</li> </ul>	ICT tools, picture, puzzle
15	Definition, components, value	frontal education: <ul style="list-style-type: none"> <li>transfer of knowledge – PowerPoint presentation</li> </ul>	ICT tools
5	How big is the ecological footprint of a school?	video  individual or group work:	ICT tools

10	Knowledge assessment test	individual task: summary questions online test	voting system
5	Summary  HW: <ul style="list-style-type: none"> <li>collecting information</li> <li>pictures, news, actualities on the internet</li> </ul>		
<b>Method of assessment</b>	Joint assessment of tasks, rewarding the best group in case of group tasks. The online test measures the knowledge you have learned.		
<b>References</b>	<a href="http://www.wikipedia.hu">www.wikipedia.hu</a> <a href="http://www.kothalo.hu">www.kothalo.hu</a> Kémia tankönyv, Mozaik Kiadó – Szeged, 2005 – Általános kémiai ismeretek own experience, knowledge		

**[U1] megjegyzést írt:** pontosan melyik szócikk? ez így nem túlinformatív

**[A2R1] megjegyzést írt:** néhány fogalomra gondoltam

**[U3] megjegyzést írt:** Melyik kiadás, milyen szerző, vagy szerkesztő, konkrétan mi a fejezet címe, amit felhasználasz?

**[A4R3] megjegyzést írt:** Sajna a tankönyvek folyton változnak, megadtam a kiadás dátumát, de ez a könyv jövőre már megint nem aktuális ☹ a tananyag, amire épül a tankönyvben több helyen jelenik meg kiegészítő részekben, nem kapcsolható egy fejezethez sem, ráadásul én már a jövő évi tanmenetbe építettem be