

## TEMPLATE FOR LESSON PLAN

<b>Title of thematic unit</b>	Organic Food Production
<b>Length</b>	16-20 sessions/hours
<b>Learning outcomes</b>	<p>Be aware of consequences of consuming certain products or preparing certain meals.</p> <p>Understand the different effects that the production of certain products or demands on certain production systems can have on humans, animals, environment and nature in general.</p> <p>Be able to quantify economic and ecologic effects.</p> <p>Be able to analyze the benefits, disadvantages and advantages of the different production systems and their effects.</p> <p>Understand supply chains.</p> <p>Understand social and labor aspects of food production systems</p> <p>Be able to reflect on the personal motives for the way food is being bought, prepared and consumed: commodity, ethical criteria, religious motivation, cost awareness, ignorance.</p> <p>Be able to take in consideration to change habits and/or choose more sustainable options</p> <p>Be able to</p>
<b>Teaching and learning resources and materials</b>	<p>Internet resources (footprint calculation, water footprint of food, case studies of different food production systems)</p> <p>Own experiences</p> <p>Recipes</p> <p>Video materials (also self made)</p> <p>Fotos</p> <p>Food</p>

<p><b>Learning methods and techniques</b></p>	<p>Self-directed learning</p> <p>Reflection</p> <p>Internet research</p> <p>Case study</p> <p>Demonstration</p> <p>Report</p>
<p><b>Instructions (course of the lesson)</b></p>	<p>Show pictures of different food production systems: intensive agriculture, intensive livestock breeding, application of herbicides, pesticides, fungicides, green houses, organic fruit and vegetable farming, extensive livestock breeding, pasture grazing, etc.</p> <p>What and how much knowledge is there concerning the different production systems?</p> <p>Attitude towards each of them</p> <p>Direct and personal experiences with food production?</p> <p>Research on studies concerning impact of production systems on water, soil and air/atmosphere.</p> <p>Research on social and labor aspects related to the different production systems</p> <p>Recipe for a meal usually consumed.</p> <p>Elaborate footprint calculation (water, environment, soil, CO<sub>2</sub>) of the ingredients</p> <p>Elaborate a meal with low footprint</p> <p>Prepare this meal and make an explanatory video of it</p>
<p><b>Evaluation (assessment)</b></p>	<p>Report on knowledge of the different productions systems, their effects and the attitude towards them.</p> <p>Elaboration of a meal</p> <p>Explanatory video</p>