

Sustainability
(BAI0050_T)

Thematics

Week	Subject	Remarks
1.	First steps in Prehistoric Times Extinction of species	
2.	Effects of Neolithic Revolution: Soil degradation	
3.	Effects of Neolithic Revolution: Deforestation	
4.	Progress and regression in waste management	
5.	Effects of industrial revolution, the beginning of air pollution	
6.	Emission of carbon dioxide and the climate crisis	
7.	Importance of renewable energy sources	
8.	The Meadow's law. The example of the ozone hole.	Test I.
9.	The way to the sustainability in the modern history	
10.	Fundamental ideas of sustainability and its indicators	
11.	Practical relevance of ecological footprint	
12.	Basics of circular economy	
13.	Urbanization and sustainable cities	
14.	Population growth and sustainable households	Test II.

Requirements

Credit:	4
Requirements:	Home assignments and two (online) test
Examination/mark:	0-49 % mark 1 50-59 % mark 2 60-79 % mark 3 80-89 % mark 4 90-100 % mark 5
Sources:	<p>Kiss F, Lakatos Gy, Rakonczai J (2011) Környezettani alapismeretek, digitális tankönyv (http://www.nye.hu/kornyezet/node/8)</p> <p>Kiss F., Vallner Judit (2000): Környezettudományi alapismeretek, a „Természettudományi Alapismeretek” c. tankönyvben (szerk.: Iszák Ferenc), Nyíregyháza, Bessenyei György Könyvkiadó, 403-480. o.</p> <p>Molnár M, Hörcsik TZs, Szabó S, János I, Kiss F. (2018) Principle of life. https://mooc.nye.hu/course/index.php?categoryid=3</p> <p>Markham, Adam: A Brief History of Pollution, 1994</p> <p>Derek Wall: Green History, 1993</p>
Web:	History of Pollution: http://www.mult-kor.hu/index.phtml?ow_page_number=4&vatp_cikk_id=86