

TEACHING CHEMISTRY ONLINE: OPTIONS FOR EDUCATING PUPILS DURING COVID-19

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Abstract: Statistics of waste provide information on which wastes pollute the environment, in what amounts and where, but do not say what threatens a person from the environment and how they can defend themselves. This paper presents the importance and benefits of primary school pupils' education in the natural science discipline (chemistry) with the help of the e-learning course during the COVID-19. E-learning course "Modernization of Education and Interdisciplinary Approach in the Category Waste and Waste Management" is located on the website of Constantine the Philosopher University in Nitra. It consists of ten topics. Each topic contains the methodological sheet for the teacher and the worksheet for the pupil. As an example of an e-learning course, we chose the topic "Where to with waste from electrical and electronic equipment and why? ". With the alarming increase in the amount and type of electrical waste, it is necessary to continuously educate and train pupils to monitor the contamination of the environment with this waste and thus to protect health. E-learning education of 7th-grade primary school pupils pursues the environmental, didactic and observation goals. The selected topic of the course uses lectures and experiential learning methods to meet environmental goals. In addition, the question-and-answer method and unstructured observation have been chosen to meet other objectives. This topic was focused on collecting electrical waste importance, its separation, identification of pictograms, and ways to classify substances that form electrical waste. E-learning is one of the forms of distance education. Such a knowledge base is open to new methods and ideas. Moreover, it enables the constant addition of new materials and information.

Keywords: e-learning, distance education, electrical waste, COVID-19.

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