

Using the Flipped Classroom Method in Primary Education Informatics Classes

Hajnalka Torma^a

^aFaculty of Informatics, Eötvös Loránd University
hajnalka.torma@gmail.com

Abstract

It is not easy to be an Informatics teacher in a primary school in Hungary today: the low number of Informatics lessons is accompanied by a huge material to be covered. The flipped classroom method could be a solution to overcome this situation. Flipping the classroom means that the instruction is delivered online outside of class, while the classes are dedicated to practice, active learning and problem solving activities. With the spread of mobile devices among students, the method could be implemented more widely. In my paper, I am going to shortly introduce the flipped classroom classroom management method. Next, I am going to present how I used the method to teach the topic of Internet search to 6th, 7th, and 8th Grade students, where only the method of instruction was different, the practice tasks and available resources for students were the same. The effectiveness of the method was measured by a post test in both the flipped and control groups. The results of the test are going to be presented in the last part of the paper.

Keywords: computer science education, flipped classroom

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