

Abstract

This master's thesis refers to the use of video as a teaching tool in the subject Didactics of Biology. It comprises two parts, one theoretical and another practical. The theoretical part charts the didactical and practical subjects taught at the Faculty of Education, Charles University in Prague, and deals with the use of video for the professional development of teachers. For the practical part, 8 lesson observation videos were recorded and placed on a newly created website (www.didaktikabiologievidea.cz). The observation videos were submitted to an analysis based on the 3A method and were used afterwards during the courses on Didactics of Biology. A questionnaire was carried out among the students of the teaching profession to evaluate the benefits of the videos for them. The questionnaire surveyed the motivation for studying Didactics of Biology, as well as the impact that these observation videos had on the performance of the teaching profession and the improvement of the teaching abilities. All above stated goals were accomplished in this work.

Key words: lesson observation videos, didactics of biology, 3A, methodology, teaching profession, motivation, teaching abilities