Abstract

The presented master thesis is focused on practical teaching of the plant anatomy, morphology and physiology at primary schools in the Czech Republic. The theoretical part contains a summary of the basic knowledge about plant morphology anatomy and physiology including integration of the practical teaching of natural science in Framework Education Programme and its extension into the School Education Programme. This part includes also detail theoretical background of teaching methods, which are suitable for laboratory work and didactic games. The second, practical part contains a detail description of the seven author’s laboratory works and seven didactic games dealing with different topics from the plant anatomy, morphology and physiology, their practical evaluation on pupils of two primary schools and one secondary school including following detailed analysis of the realized questionnaire of these didactic materials. According to the obtained research data, it is obvious that the using of practical teaching form is more attractive for the pupils than conventional teaching methods at primary school.