

Abstract

The bachelor's thesis deals with pictograms of plants as a possible support for the visual learning style in the teaching of botany. It contains a cross-section of learning style topics and a cross-section of biology teaching topics. In the chapter on learning styles, it focuses on methods of research of visual learning and on pictures and pictograms used for learning. The work assumes that the visual style of learning is the most effective for learning, and that its better integration into biology lessons can raise interest even in less popular thematic units belonging to this subject. In the chapter focused on the teaching of biology, the thesis then focuses on popular and unpopular topics in biology classes, with a special focus on botany and the problems associated with its teaching. The thesis offers a solution to this situation by using plant pictograms in order to increase the popularity of botany, which could be through the application of plant pictograms in the teaching of botany in primary and secondary schools. The final section summarizes and discusses knowledge about the visual style of teaching, the use of pictorial materials, and most importantly, pictograms in streamlining the teaching of botany, supported by arguments from an array of scientific sources proving the usefulness of plant pictograms in the teaching environment.