

BLÁHOVÁ, J.. *Organic chemistry and nomenclature of organic chemistry at secondary school*. Prague: Faculty of Science Charles University, 2019.

Keywords: organic chemistry, secondary school, research of textbooks, curriculum documents, stratified selection, nomenclature of organic chemistry, serious game

Abstract

Bachelor's thesis deals with questions of teaching of organic chemistry at secondary schools. The main object of thesis is to do a survey and to analyse curricular documents and chemistry textbooks. Representative sample was chosen at the basis of stratified choice. Pedagogical research methods were used to analyse and evaluate data. Results were evaluated and discussed. A serious game based on nomenclature of organic chemistry was designed on the base of discovered facts. Some minor disproportions were discovered between School Educational Programmes and Framework Educational Programme.