

## **Abstract**

The topic of this thesis is use of a kind of activity-based teaching in biology lessons in lower secondary school. The thesis is made up of two main parts. The first theoretical part deals with history, characteristic and structure of class work activity learning, its role in school documents, teaching methods and organizational forms of teaching supporting class work activity learning in biology lessons. Another part of the theoretical part is fundamentals in biology lessons that teacher should abide by regardless of the type of teaching. The theoretical part contains a part which deals with presentations in Microsoft PowerPoint and their definition in educational process. The purpose of the experimental part based on a questionnaire for teachers of biology is to find out important facts and the answers to the questions which follow from the nature of the research, and additionally to verify stated hypothesises of the research. The research focuses on teachers of biology at lower secondary school in schools situated in Prague and central Bohemia.

Key words: activity-based teaching, teaching methods and organizational forms supporting activity-based teaching