

## **Abstract**

UHERČÍKOVÁ, G. : „*Become a detective*“ (*Topic work focused on forensic analysis*). Master thesis. Prague, Charles University in Prague, Faculty of Science, Department of Teaching & Didactics of Chemistry, 2013.

This thesis deals with the preparation of a draft project for secondary school students on the theme "Become a detective." This is a complex project that is focused not only on the information of biology and chemistry, but also for forensic analysis. The theoretical part is focused on a general production project, forensic analysis, fingerprints, DNA and qualitative analysis. Theory of this part helps pupils and teachers to understand the problem. The practical part contains the whole project within worksheets to copyright solution for teachers. Worksheets are designed to help students manage the entire project. Materials designed for students are attached to this thesis.

The project was tested on 30. 4. 2013 in the laboratory of the Department of Teaching and Didactics of Chemistry, Faculty of Science, Charles University in Prague. The project involved 13 pupils from Gymnasium Omská, Prague, 10.