

Title:

Chemical experiments in chemistry teaching and learning at secondary schools – motivation and curriculum acquisition

Summary:

This diploma thesis focuses on chemical experiments and their usage in learning phases – namely in motivation phase, acquisition phase, retention phase and control phase. On the set of tried experiments, their possible usage in chemistry teaching and learning in motivation and acquisition phases is demonstrated. Instructions, explanation, comments and photographs are attached to each experiment. For usage in acquisition phase worksheets have been made for each experiment to improve curriculum acquisition.