

# Abstract

Charles University in Prague – Faculty of Science  
Department of Teaching and Didactics of Chemistry  
Albertov 3, 128 40 Praha 2, Czech Republic

## Didactic games for active chemistry education at grammar schools

Mgr. Veronika Burešová  
nikanika@seznam.cz

*This thesis summarizes activating teaching methods, with special emphasis on educational games. Specifically the background, methodology and teaching aids for six games were developed and seven other games were proposed for teaching chemistry at grammar schools. The developed games were tested in the classroom.*

*Furthermore two of these games, with similar questions /Hlasuj, Chemlife/ were played with two grammar school junior classes. Two other junior classes did not play any educational games.*

*These then served as reference for comparing knowledge of the subject matter covered.*

*Evaluation of a standard test showed that a combined teaching method (explication and practice in the form of didactic games) is more effective than a more traditional approach.*