

Abstract:

Inclusion of learning exercises intended to acquisition of schoolwork is desirable in majority of science subjects. This diploma thesis deals with creation of chemistry worksheets for 8th and 9th grade pupils of secondary school and for pupils of corresponding grades of lower grammar schools. Research of contemporary literature mostly chosen workbooks and worksheets available on the Internet is included in the thesis. The main part of the thesis was creation of worksheets on different themes in chemistry education according to RVP ZV. Created worksheets were verified and evaluated at schools. The thesis brings new possibilities how to deal with teaching some of the chemistry topics using pre-prepared worksheets, which contain mostly exercises for acquiring new schoolwork.