

TITLE:

Current possibilities of creative cooperation between didactics and industry in the development of education in chemistry

AUTHOR:

Tomáš Kudrna

DEPARTMENT:

Univerzita Karlova v Praze, pedagogická fakulta, Katedra chemie a didaktiky chemie

ABSTRACT:

The work informs about the creation of new kits of tools and chemicals for realization of school chemical experiments.

The kit (portable laboratory) allows together with methodological manual, which contains, a demonstration of school experiments to all the basic topics of teaching chemistry. Utility is designed to teach chemistry at elementary schools and secondary schools nonchemical focus.

The kit secrets of nature provides supplies and chemicals with a guidebook for 100 safe science experiments. Complement is a small set of tools for independent work of pupils. These two sets can be used already at kindergarten and 1st grade of primary school.

KEYWORDS:

didactics chemistry, school chemistry experiment, science experiments, kit of equipment for school experiments