

TITLE:

Students' Attitudes Towards Chemistry According to the Secondary School They Attend

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ABSTRACT:

The research presented in this thesis completes the data with the information about so far neglected vocational schools students' attitudes towards chemistry. After the curricular reform, impact put on general education, including chemistry, brings considerable changes in this area. The questionnaire used was focused on three spheres: students' attitudes towards chemistry, didactical facilities used in chemistry education and students' attitudes towards particular chemical topics. The questionnaire was submitted to students (N = 959) at the beginning of the school year after they entered secondary school. That way the results reflect students' attitudes constructed at primary schools. The results show negative students' attitudes. They are mostly affected by the difficulty of the subject and also by students' low interest in the topics. It was also proved that topics close to students' lives play a vital role. Based on the results of the research, proposals may be word in order to solve the situation: emphasizing activating methods such as: experimental work and active observation, also curricular revision. The thesis might become a possible resource for further research in influences on students' attitudes towards chemistry and for subject matter revision, eventually also a resource for a system change in education on these schools.