

## **Professionally oriented profile teaching of chemistry in the system of continuing education**

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The choice of a chemical profession is an actual and difficult problem for learners in the modern world. The problem is not the lack of information about the professions and the ways to obtain them, but the lack of learners' skills to analyze information, correlate their interests, needs and opportunities, to be responsible for their choices. The ability to consider similar and alternative options for getting a profession is no less important when choosing a chemical specialty, a group of related specialties of study at the University. The enrollee will be able to make the right choice if he has vocational skills to act effectively in situations with a high degree of uncertainty.

Therefore to prepare pupils for future choice of chemical profession is an important part of the pedagogical activity of a chemistry teacher in a modern profile school. It involves the convergence of the goals, content, process and results of chemistry learning and the orientation of pupils to the chemical professions by educational environment.

Training pupils for a conscious choice of a chemical profession includes identification and updating of the vocational guidance component of the content of chemical education; educational excursions to chemical production, solving problem situations with production content; performing competence-oriented tasks in chemistry with a professional context, etc. Clarification of professional choice in chemical classes involves the choice of a profession by pupils in the areas of technological, scientific or pedagogical profiles of the work of chemists, as well as ways of mastering them. In the educational process, this is facilitated by the pupils' practical experience in all the indicated areas, understanding the image of the professional future, analyzing the results of educational activities, situations of choice, professional tests (based on mutual assessment, self-assessment, SWOT-analysis).

Thus, professionally oriented profile teaching of chemistry can contribute to the vocational guidance of learners in the conditions of the information society and plays an important role in preparing learners for the choice of a chemical profession and ways to get it in the system of continuing chemistry education. For its effective implementation, it is necessary to improve the qualifications of chemistry teachers on the issues of systemic orientation of pupils to chemical professions in the conditions of profile education.