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On the role of innovative technologies in the educational process

The purpose of modern education is the harmonious development of the pupil's personality, the identification of his creative abilities, the preservation of physical and mental health.

An important role in the modern education system is given to the ability of students to analyze, compare, highlight the main thing, solve the problem, the ability to self-improve, be responsible and the ability to give an adequate self-assessment.

The Message of President N. A. Nazarbayev to the people of Kazakhstan "The third modernization of Kazakhstan: global competitiveness" states that training programs should be aimed at developing critical thinking abilities and skills of independent information search" [1].

As part of the development of curricula, various reforms are being carried out in the educational process, which contribute to the creation of a competitive environment for students. We, as future teachers, should not only tell and show everything in an accessible way, but also teach students to think, instill in them the skills of practical actions. This can be facilitated by innovative technologies in training, so the problem of individual activity in training is one of the most relevant in pedagogical, psychological science, and in educational practice.

For example, students of previous years have passively developed search and research ability because they are used to receiving information from the ready-made proposed material of the lecturer, while not critically comprehending the flow of information. In Soviet times, great importance was given to the lecture-seminar form of training during which the lecturer gave lectures, and at the seminar students had to reproduce the material orally. It is extremely rare to use active methods in the learning process, thus the acquired knowledge was stored in the memory for a long

time. there was no reinforcement of them and the use of methods for developing critical thinking.

Focusing on the ongoing changes, the modern education system should move into a special innovative mode of development, in which, as a number of researchers point out, it is necessary to preserve the best traditions of Kazakhstan's education and at the same time take into account the trends in the development of training systems in other countries, correlate domestic experience with international norms and standards [2].

Innovative teaching methods include interactive and computer technologies. Interactive learning technologies include lectures (scientific, social, professional, integrative, etc.) and seminars (debates, educational discussions, project-based learning technologies, etc.). Computer-based learning technologies involve the collection, processing, storage and transfer of information from the teacher to the student and vice versa. Innovative methods in the educational process help not only to learn the theoretical material, but also contribute to the consolidation of this knowledge in practice.

Along with the use of various innovative technologies, it is necessary to create conditions for motivating self-development, which implies a transition from the implementation of the actual learning process to a comprehensive provision of the necessary opportunities for the student as a developing person. As a result, the student becomes not just a subject of education, but a person who is able to reveal his inner potential in the process of mastering the specialty.

In the system of using innovative methods in the learning process, the main role is played by the student's personality. If when using traditional teaching methods, the role is assigned to the personality of the teacher, then in this case, on the contrary. As future specialists in the education system, we should focus students' attention on search activity, reflection and self-education, which will contribute to the creation of a fully developed student who will be ready for the higher education system.

The updated curriculum, which was introduced in the first grades in the 2016-2017 academic year, is based on the experience of studying at nis (Nazarbayev

intellectual schools). in classes with updated educational content, a new evaluation system is introduced - criteria-based. Scores will be based on a number of clear, pre-defined criteria. this method provides a much better and more objective assessment of students ' knowledge and skills. In addition, the system develops students ' ability to adequately monitor and evaluate their work, independently identify the causes of difficulties and eliminate them. Criteria-based assessment, in turn, consists of formative and summative. Formative assessment determines the level of skills of the student, these are intermediate marks that do not affect the quarter and annual grades. Summative assessment is carried out to set the final mark after studying a certain block of material [3].

We believe that the updated curriculum educates harmoniously developed and critically thinking young people in the face of school students. Innovative teaching methods are aimed at attracting students to independent cognitive activity, arouse personal interest in solving any cognitive tasks, and enable students to apply their knowledge. The purpose of these methods is to ensure that all mental processes (speech, memory, imagination, etc.) participate in the assimilation of knowledge, skills and abilities. Innovation in the educational process is a necessary condition for the development of the system as a whole, since learning leads to development. Innovative teaching methods are one of the most effective means of involving students in educational and cognitive activities.

References:

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