

Innovative Technologies in Improving Education

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Annotation: This article talks about conducting special technical sciences and general pedagogy and special methodical sciences in higher technical educational institutions on the basis of innovative technologies. Pedagogical technologies and necessary pedagogical methods to ensure a high level of activity of pupils (students) in the lesson are given.

Keywords: the idea of differentiated education, the principle of education, street law, brainstorming, discussion.

The state policy in the field of personnel training envisages the formation of a well-rounded individual-citizen through the continuous education system, which is inextricably linked with the intellectual and spiritual-moral education of a person. In this way, one of the most basic constitutional duties of a citizen, the right to acquire knowledge, to show creative ability, to develop intellectually, and to work according to his profession, is realized.

Higher technical educational institutions have the task of integrating the content of special technical sciences and general pedagogy and special methodical sciences. In recent years, the idea of differentiated teaching of educational subjects significantly separated special subjects, general education and pedagogic subjects from each other. For this reason, life requires finding a mechanism to bring these disciplines closer together, that is, to integrate them. They should follow them when organizing the process and teaching.

In pedagogical publications, there are cases of dividing teaching methods into active and inactive groups. If each method is used in its place in solving one or another goal, it is undoubtedly active. Pedagogical technologies are also focused on achieving a predetermined goal based on ensuring a high level of activity of pupils (students) in the lesson. Therefore, in this chapter, the methods of foreign didactics, which are still unfamiliar to pedagogical practice, are discussed.

The American "Street law" program has been adopted by many countries of the world today and is being established in the educational space. The reason for this is the activity, attractiveness and effectiveness of hundreds of teaching methods included in the program. With their help, students will quickly have opportunities to freely express their opinions, critically receive information, work in a team, strengthen their position, defend their opinions, and understand their rights. The teacher should use these methods wisely when building the didactic process, and use them according to the complexity of the educational elements and time constraints. Below you will get acquainted with some of the methods of the "Street law" program, you will be familiar with their secrets and magic.

- Brainstorming allows you to find ways out of difficult situations, expand your horizons, break the monotony of thinking, and think broadly. Most importantly, in the process of solving the problem, the atmosphere of struggle is changed to the mood of creative cooperation, and the group (class) becomes more cohesive.
- Debate. With the help of this method, the students are provided with complete information on a specific problem, the students "storm" the topic chosen for discussion and, as a result, thoroughly study the information related to the problem.

It is recognized that the American debate method is organized in various forms. The most common type in our practice is "tele-discussion".

Until then, in traditional education, students were taught only to acquire ready-made knowledge. Such a method extinguished independent thinking, creative research, and initiative in students.

Today, the interest and attention to increase the effectiveness of education using interactive methods (innovative pedagogical and information technologies) in the educational process is growing day by day. Classes using modern technologies are aimed at helping students find the knowledge they are acquiring, independently study and analyze it, and even draw their own conclusions. In this process, the teacher creates conditions for the development, formation, learning and education of individuals and teams, and at the same time, the manager acts as a guide.

The extent to which students acquire knowledge is always the result of their cognitive activity. The educational process should be a system in which the teacher and students work together, in this system the teacher leads, but the result depends on the cognitive activity of the students.

The rapid increase in the amount of information in the field of knowledge, the rapid implementation of scientific discoveries, the constantly changing content and methods of work in production make students always read, increase their general level of knowledge, and strive to expand and deepen their knowledge and studies. will be decided by the science teacher. For these purposes, during the educational process, the teacher should attach great importance to the development of students' interest in knowledge, create in them a desire to learn, develop their level of thinking, and teach them to solve various problems independently.

In order to implement such a pedagogical process, the pedagogue uses various teaching methods, effective lesson organization experiences, and innovative technologies.

References

1. Каримов, Ж. Х., & Фозилов, И. Р. (2020). Управление многостадийными процессами путём оптимизации глобальных целей системы. *Universum: технические науки*, (3-1 (72)), 16-20.
2. Xolmatov, A. A., Karimov, J. X., & Xayitov, A. M. (2021). Effect of crystallizer catalyst on properties of glass-crystalline materials. *EPR International Journal of Research and Development (IJRD)*, 273-275.
3. Каримов, Ж. Х. (2021). ПРОЦЕДУРЫ ОПТИМИЗАЦИИ ГЛОБАЛЬНЫХ ЦЕЛЕЙ СИСТЕМЫ УПРАВЛЕНИЯ МНОГОСТАДИЙНЫМИ ПРОЦЕССАМИ. *Universum: технические науки*, (11-1 (92)), 48-52.
4. Abdullaevich, H. E., & Karimov, J. X. (2022). Principles of Development of the Modeling Process. *Texas Journal of Multidisciplinary Studies*, 7, 391-393.
5. Khasanboyevich, K. J., & Ugli, Z. S. I. (2022). Software Technologies for Research and Development of Linguistic Models. *American Journal of Social and Humanitarian Research*, 3(5), 314-320.
6. Norbutaev, M. A. (2022). Create Computer Learning Games Taking Into Account the Psychophysiological Characteristics of the User. *International Journal of Development and Public Policy*, 2(6), 113-116.
7. Abdurasulovich, N. M. (2022). О 'ZBEKISTONDA TERMOELEKTRIK

GENERATORLARDAN FOYDALANISH ISTIQBOLLARI. SO ‘NGI ILMIY TADQIQOTLAR NAZARIYASI, 1(1), 269-273.

8. Зокиров, С. И. У., & Норбутаев, М. А. (2021). СОЛНЕЧНЫЙ ТРЕКЕР ДЛЯ ФОТОТЕРМОГЕНЕРАТОРА СЕЛЕКТИВНОГО ИЗЛУЧЕНИЯ. *Universum: технические науки*, (4-5 (85)), 9-13.
9. Okhunov, M., & Minamatov, Y. (2021). Application of Innovative Projects in Information Systems. *European Journal of Life Safety and Stability* (2660-9630), 11, 167-168.
10. Minamatov, Y. E. U. (2021). APPLICATION OF MODULAR TEACHING TECHNOLOGY IN TECHNOLOGY. *Scientific progress*, 2(8), 911-913.
11. Minamatov, Y. E. O. G. L., & Nasirdinova, M. H. Q. (2022). APPLICATION OF ICT IN EDUCATION AND TEACHING TECHNOLOGIES. *Scientific progress*, 3(4), 738-740.
12. Minamatov, Y. E. O. G. L., & Yusupova, N. M. (2022). SMART TEXNOLOGIYALARDA TA’LIM JARAYONI. *Central Asian Academic Journal of Scientific Research*, 2(6), 441-445.
13. G‘ofurovich, T. X. A., & Esonali o‘g‘li, M. Y. (2022). Computer Using Dynamic System Modelling Environments. *Journal of Ethics and Diversity in International Communication*, 2(2), 9-13.
14. Avazjon o‘g‘li, V. D., & Esonali o‘g‘li, M. Y. (2022). Prospects for the Development of the 3D Modeling Process. *Texas Journal of Engineering and Technology*, 7, 78-79.
15. Avazjon o‘g‘li, V. D., & Esonali o‘g‘li, M. Y. (2022). Use and Importance of Three-Dimensional Images in Fields. *Journal of Ethics and Diversity in International Communication*, 2(2), 1-4.
16. MINAMATOV, Y. IMPORTANT ASPECTS OF CLOUD TECHNOLOGY. *ЭКОНОМИКА*, 338-341.