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EFFICIENCY OF APPLICATION OF INNOVATIVE TECHNOLOGIES IN LEARNING CLASSES

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Abstract:

This article discusses some of the challenges that can arise in the process of using innovative technologies in the classroom through the use of advanced technologies.

Keywords: *education, software, management, technology, process, information, computer, media, multimedia.*

Introduction

Our task, our highest duty is for our children to grow up as harmoniously developed people, physically and spiritually harmoniously developed, well-versed in modern knowledge and experience, able to take responsibility for the future of our Motherland and our people. is to do all the work we can.

Today, the use of innovative technologies in modern teaching methods in the training of qualified personnel in higher education is expanding. The use of pedagogical technologies, knowledge, experience and interactive methods based on pedagogical skills in the teaching process allows students to master the subject in depth and develop mature skills.

The concept of innovation is a new economic term that dates back to the years of independence, derived from the English word innovation and means innovation. Innovative technologies are mainly about the pedagogical process and the introduction of innovations and changes in the activities of teachers and students.

Innovative activity requires the acquisition of theoretical knowledge, practical skills and abilities on the basis of directing the mental, intellectual and physical strength of the teacher to a specific goal, supplementing practical activities with theoretical knowledge, knowledge, design, communication and organizational skills.

In order to improve the quality and effectiveness of teaching specific disciplines, pedagogical technologies are integrated into 3 types of training on the basis of modern

information technology: ie, taking into account the specifics of lectures, practical and laboratory classes. recommended to apply.

Pedagogical innovations are used to make positive changes in the relevant field, to achieve high quality results.

Today, it is important for educators to have innovative work skills. Educators need to have an innovative approach in order to be able to master the skills of innovation. By their very nature, the acquisition of innovative activity skills and competencies by educators is based on their decision to take an innovative approach.

Modern methods and technological trainings that help to increase the effectiveness of education help students to develop logical, intellectual, creative, critical thinking, independent thinking, as well as develop their skills, become competitive professionals and cultivate positive professional qualities. In modern conditions, innovative tools are used not only in the organization of the educational process, but also in the control of student learning activities. The following are some of the methods that can be used in the teaching of specific subjects.

“SWOT - ANALYSIS” table - a tool for analyzing the situation and evaluating the source, such as the organization of a particular problem or project, to provide students with systematic thinking, comparison, comparison, analysis
skills development.

"I know \ I knew \ I want to know" table - aimed at developing the skills of systematic thinking, structuring, analysis, allowing to conduct research on the topic, text, section.

“INSERT” Technique is aimed at developing students' ability to accept new information systems, solve complex problems of learning and consolidate teaching materials, as well as to develop reading skills.

“BLITS GAME” method - the correct organization of the sequence of actions is aimed at teaching logical thinking, the ability to choose from a large number of different ideas and information based on the subject under study.

“T-scheme” the method is aimed at creating an opportunity for comparative analysis, comparison, and comparison, the formation of independent relationships of the established system on a particular concept or topic.

“3*4” The method is aimed at the ability of students to think freely, to give a wide range of ideas, to analyze and draw conclusions in the process of education, individually and in small groups, to give a description.

“Charxpalak” technology - to strengthen students' professional information on a particular topic, to develop the skills of analysis, synthesis, repetition, evaluation and independent creative work.

Involving students in the topic as much as possible during the course, engaging them, and developing team thinking will allow them to gain a broader understanding of the topic.

Conducting lectures and practical classes in computer rooms, covering topics and conducting practical classes with as many students as possible will improve the quality of teaching. Team thinking is one of the ways to influence pedagogy and improve the quality of teaching. The success of the teacher-student collaboration in the teaching process largely depends on the technology chosen, because if the educational technology used can form a partnership between teacher and student, it is the teacher's is an achievement. The use of innovative and information technologies in lectures and practical classes leads students to think freely, to take a positive approach to the topic, to use literature effectively, and ultimately to develop a full interest in their chosen profession. In order to use innovative and information technologies more widely in the teaching process, it is advisable to publish and use teaching aids for teachers.

It is important to choose the most appropriate and effective technologies and use them extensively in the classroom. It mainly depends on the pedagogical skills of the teacher. In the current teaching process, the use of pedagogical technologies such as "Question-Answer", "Brainstorming", "Dialogue", "Discussion", "Teamwork", "Presentation", "Debate" allows teachers and students. It leads to the formation of cooperation between students, deep mastering of disciplines and development of qualified specialists.

In today's world, not everyone can imagine their life without computers. Indeed, the computer as an important tool of the global information age is playing an important role in all spheres of society. The existing organizational, technical, functional and software capabilities of computer technology allow it to be widely and actively used in all spheres of social life.

Uses a number of technologies to organize computer education (computer-assisted learning). First of all, it should be noted that computer technology is also a technology. These types of technologies include technologies that help students develop information skills, develop their intellectual abilities, create the conditions for independent learning, and develop and evaluate research activities.

In the process of computer-assisted learning, students have the opportunity to independently assess their knowledge. Not only tests and quizzes are used in the assessment process, but also the teacher's direct involvement. Contacting teachers is usually via email. In modern conditions, a huge set of communication technologies is used in the organization of computer education, which is used as a medium.

Thus, in modern conditions, a system of distance learning and a market for educational services based on strong competition have been formed. The need for distance learning is determined by the needs of society and social orders. The development of this type of education is inextricably linked with technical progress. After all, the prospects for distance learning are determined by the effective use of innovative technologies and tools in education. Computer education is essentially distance learning. This course will cover the

basics of computer-assisted learning. At the same time, the country has a rich experience in the organization of computer education.

In short, the use of innovative and computer technologies in the classroom saves time, as well as the formation of practical skills, the ability to express themselves freely, the rapid assimilation of the material and increase the interest of students in specific sciences. creates.

References:

1) O.O. Tolipov, M.Usmonbaeva "Theory and practice of pedagogical technology" UzRFA Publishing House UzPFITI named after TNQori Niyazi, 2005
2) Avliyakulov N.X., Musaeva N.N. Pedagogical technologies. - T .: "Science and Technology" Publishing House, 2008. - 164 p.
3) Ishmuhammedov R. Innovative technologies in education - T .: "Science and Technology" Publishing House, 2010.Ishmuhammmedov R. Ta'limda innovasiya. – T.: "Fan va texnologiyalar" nashriyoti, 2010.
4) Decree of the President of the Republic of Uzbekistan dated February 7, 2017 Decree PF-4947 "On the Strategy of further development of the Republic of Uzbekistan".
5) Mahmudova M. A., Nasirova Sh.N. Effective use of e-resources in education. Oriental art and culture ISSN 2181-063X Scientific methodical journal special issue, II / 2020, Kokand, 204-211 b.
6) Mahmudova M. A., Nasirova Sh.N. Innovative technologies in science teaching. Science and education, Scientific journal, ISSN 2181-0842 VOLUME 1, ISSUE 2, May 2020, p. 472-475.
7) Mahmudova M. A., Nasirova Sh.N., Salomov O.A. Directions for improving innovative educational technologies. Proceedings of the First Republican Conference on "Prospects for the Development of Science and Education," ISSN 2181-0842, April 27, 2020, pp. 387-390.
8) Makhmudova M. A., Nasirova Sh.N., Muhamedova M. M.Tasks for a future computer teacher in educational information. International conference on economics and social sciences ISSN: 2349-0721 ICDSIIL 10-11 May 2020 Impact Factor: SJIF - 6.549, 197-199 r.
9) Mahmudova M. A., Nasirova Sh.N. Multimedial electronic educational materials in education efficiency. Mejdunarodnoy nauchno-prakticheskoy konferentsii «Traditsii i novatsii v professionalalnoy podgotovke i deyatelnosti pedagoga» «Tverskoy gosudarstvennyy universitet» 26–28 mart 2020, 298-302 s.
10) Makhmudova M. A., Nasirova Sh.N., Muhamedova M. M. Tasks for a future computer teacher in educational information. International conference on economics and social sciences ISSN: 2349-0721 ICDSIIL 10-11 May 2020 Impact Factor: SJIF - 6.549, 197-199 r.