

DEVELOPING COMPETENCE OF STUDENTS USING MODERN INFORMATION AND COMPUTER TECHNOLOGIES

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ABSTRACT

In educational institutions, there is a need to create an information system that ensures the development of students' competence, is aimed at meeting social demands and showing students their talent, knowledge, skills, as well as developing and managing their cultural, educational and scientific potential, that is, competence.

Keywords: *information and telecommunication technologies, educational institution, research and pedagogical research, creation of modern information systems, searching and finding information on the Internet*

АННОТАЦИЯ

В образовательных учреждениях возникает необходимость создания информационной системы, обеспечивающей развитие компетентности обучающихся, направленной на удовлетворение социальных запросов и проявление у обучающихся их таланта, знаний, умений, а также развитие и управление их культурными, образовательными и научными способностями. потенциал, то есть компетентность.

Ключевые слова: *информационные и телекоммуникационные технологии, образовательное учреждение, научные и педагогические исследования, создание современных информационных систем, поиск и нахождение информации в сети Интернет.*

INTRODUCTION

Education is the backbone of modern society. The educational system is related to knowledge that becomes information, because this information serves as a resource for modern technologies and production. Education forms human capital, which includes knowledge and skills.

In this place, the importance of using innovative and new pedagogical technologies in education is increasing. When talking about the importance of imparting knowledge to students, President Sh. Mirziyoyev - "The world is changing rapidly, stability and nations Today, when various new threats and dangers are emerging that lead to the stable development, it is more important than ever to pay attention to spirituality and enlightenment, moral education, and the desire of young

people to acquire knowledge and reach maturity. it is worth noting. If the society is enlightened, it means that the perspective and future of the society is bright.

Today, the role and importance of modern, advanced pedagogical technologies in the education of students is incomparable. In fact, modern, advanced pedagogical technologies in education increase the productivity of the educational process and form the independent thinking process of students. In a word, modern advanced pedagogical technologies, firstly, provide students with an opportunity to improve their knowledge, skills and qualifications, and secondly, they help the teacher's professional growth and spiritual development.

It is not for nothing that the 21st century is called the age of information technologies. Today, the information and communication system is developing at a high level on a global scale, and this, along with other fields, is rapidly penetrating the field of education and has an impact on its higher quality organization. From this point of view, today's teacher should be able to deeply understand the use of ICT, be able to analyze it and be knowledgeable at the level of innovation, choose and use methods that are understandable, easy and interesting for all students in the process of organizing a lesson, modern ICT and multimedia tools, use of computers, encouraging students to work creatively and independently is a very important factor.

As our President said, "Today we have to worry about every representative of the young generation. The state policy on youth is also aimed at this. All levels of government, ministries and departments, self-government bodies of citizens, public organizations, that is, everyone participates in the implementation of this policy.

In response to changes in social life, the education system is also changing. According to the new educational paradigm, the school has the task of developing students' creative activity, developing their ability to acquire and apply knowledge independently. In this regard, teachers are currently focusing on finding and implementing effective ways to develop students' creative abilities. Modern school creative development is a secondary process, the development of personality, thinking culture and intelligence, and it depends not on the actions of the teacher, but on the activities of the students themselves. It is a means of achieving the goal of personal development, science knowledge and skills. consideration as reflected in state documents.

DISCUSSION AND RESULTS

Today, in the form of collective and individual education, the problem of finding tools for developing mental abilities related to the creative activity of young students is urgent.

The absolutization of the technological content of human life basically suppressed and continues to suppress human nature, reduced social life to purely technological processes, formalized human society and brought them to information exchange and information technology, reduced education, reduced it to learning and learning, human removed its resources from circulation. Cultures have universal characteristics such as faith, conscience, love, tolerance, etc. From here comes an increase in aggression and social alienation at all levels of public life, including school. At the same time, the child, as a phenomenon, is capable of multi-dimensional creative expression and creative self-awareness, especially junior high school students see the sensitivity characteristics to develop imagination and creative abilities. have preserved to a greater extent.

Today, on the basis of modern information and computer technologies, the formation of students' competence is carried out in the following directions: information and telecommunication technologies as an object of study, that is, they acquire general understanding and skills on new information technologies, their components and fields of use; information and telecommunication technologies as a means of teaching, that is, knowledge is imparted on the basis of modern information and pedagogical technologies, and lectures, practical and laboratory classes are organized on the basis of modern computer software tools; as a means of managing the educational process, i.e., tools for creating an information, analysis and prediction system to increase the efficiency of all work activities of the educational institution are taught; knowledge and skills on the creation and implementation of modern information systems are formed to increase the effectiveness of scientific research and pedagogical research.

Using modern information and computer technologies, it is important to focus on mastering the topics of information resources and society's informatization, searching and finding information on the Internet, using new information technologies in the educational system, forming educational-methodical and pedagogical-research activities based on information technologies: Education there is a need to create an information system that ensures the development of students' competence in institutions, is aimed at meeting social demands and showing students their talent, knowledge, skills, as well as developing and managing their cultural, educational and scientific potential, i.e. competence.

In this case, any communication carried out with the means of modern information and communication technologies allows them to expand the information system, create conditions for acquiring knowledge and independent education, using educational and informational resources in their pedagogical activities,

communicating, searching for and finding the necessary information, various social and social networks of the network. to be able to work on educational sites, and at the same time gives the opportunity to develop competence.

The information system for the development of students' competence is an information system aimed at ensuring the quality of education and the development of all subjects of the educational process, creating the necessary conditions for independent knowledge and research activities of students.

CONCLUSION

The main functions of the information system are as follows: providing assistance in the organization of independent education, professional development and self-improvement activities in the field of education; study of advanced pedagogical practices, generalization and their use in work; collection, storage and processing of information related to professional activity and other fields; updating and deepening of knowledge and skills; organization of the lesson process on the basis of new information and pedagogical technologies.

The information system serves to create a methodical environment for students, pedagogues and education workers, to effectively use the necessary information, to receive methodical help from modern information sources, to form the necessary knowledge, skills and competences related to their activities.

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