THE URGENCY OF IMPROVING THE METHODS OF DEVELOPING THE SKILLS OF INDEPENDENT LEARNING OF FUTURE TEACHERS (ON THE EXAMPLE OF INFORMATION TECHNOLOGY IN EDUCATION)

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Annotation:
The basis of a modern education system is a quality and high-tech environment. Its creation and development is technically complex, but such an environment serves to improve the education system, the introduction of information and communication technologies in the educational process. The article also considers that the widespread introduction of modern information and communication technologies in education will lead to the informatization of science, intellectualization of educational activities, deepening integration processes, improving the infrastructure of the education system and its management mechanisms. Effective organization of pedagogical educational processes on the basis of modern information technologies allows the team creating distance learning courses and electronic literature to unite teachers, computer programmers, and relevant specialists, improve the distribution of tasks among teachers, improve the organization of the educational process and monitor the effectiveness of pedagogical activities. The introduction of modern information technologies in the educational process contributes to the deepening of the field of science through the renewal and deepening of professional knowledge and skills of students, modeling of studied events and processes, the expansion of independent activities of students through a variety of educational activities. , individualization and differentiation of the teaching process based on the introduction of interactive communication opportunities, mastering the strategy of the student's learning materials using the capabilities of artificial intelligence systems, the formation of information culture in him as a member of the information society; The presentation of events through computer technology plays an important role in increasing the interest and activity of students in the basics of science.

Keywords: Information, education, society, pedagogue, interactive communication, information technology, future pedagogue, motive**.**

Indeed, new pedagogical technologies in the primary education system, including information technology, greatly contribute to the development of the motivation to learn. Lessons organized on the basis of information technology should correspond to the needs of the future teacher in terms of organizational methods, teaching methods. Because such lessons are closer to the child's psyche. Achieving the goal on the basis of arousing the interest, desire and desire of future teachers to master the teaching materials is a motivation, which is the inner rapprochement of the teacher and future teachers. In essence, information and communication technologies are methods and techniques that combine all the possibilities of presenting knowledge, evidence and laws. Any technology is information technology, which is based on the reception and processing of data. One of the main requirements of

the National Program of Personnel Training is the widespread application of information technology in the educational process, training future teachers to acquire independent knowledge, free thinking.

The use of multimedia in primary education allows the teacher:

- Modern modeling of the lesson;
- have additional information and data to deepen knowledge;
- allows to prepare theoretical and independent work.

The use of multimedia in primary education for future teachers:

- To arouse interest in science, to control and strengthen the knowledge;
- Quick access to encyclopedic information

The speed and level of mastery that is convenient for him in learning the subject

Selection;

- Modern information - opportunities to engage in communication technologies, to master it and to form the need for its constant operation.

Multimedia is the presentation of objects and processes not in the form of traditional text, but through photography, video, drawing, animation, sound

Multimedia lessons help to solve the following didactic problems:

- mastering basic knowledge of science;
- ensuring the consistency of acquired knowledge;
-formation of self-control skills;
- Development of the need for knowledge
- Educational-methodical work of future teachers on independent work on educational material

Help

It should be noted that the teaching of science in primary school on the basis of multimedia technologies is very effective. To do this, lesson plans should be created for each topic of the lesson. On the basis of this development, a form of electronic presentation of theoretical and practical materials on all topics, which should be presented using information technology tools, is prepared. It would be useful to prepare slides for the presentation of lesson plans and explain them to future teachers through video projectors. The multimedia presentation will be not only textual and visual, but also sound, animated, which will play an important role in the perfect mastery of the topic by future teachers. In essence, information and communication technologies are methods and techniques that combine all the possibilities of presenting knowledge, evidence and laws. Any technology is information technology, which is based on the reception and processing of data.

An elementary school teacher, as a direct provider of learning technology, should be able to keep the learning process interesting while keeping abreast of the latest developments.

The use of information technology in primary school reflects the mood, interests, lifestyle, worldview, thinking, mental and professional skills of future teachers. The advent of Internet technology allows future teachers to use information resources, increase the effectiveness of independent work, provides new opportunities for the acquisition and strengthening of creativity, skills and abilities, creates conditions for the implementation of new forms and methods of education. One of the main requirements of the National Program of Personnel Training is the widespread application of

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Is to create new types of activities.

One of the goals of creating virtual laboratories is to fully visualize the learning process, one of the main tasks is to fully understand the essence of the process of the future teacher. Functions of the virtual laboratory:

- Demonstration and proof of the correctness of the studied laws;
- Ensuring the absolute safety of the experiments and the cleanliness of the air in the classroom;
- Opportunity to perform experiments individually. These are learners

Independence, their design ability and technical agility

Does not affect the development;

- Theoretical and practical implementation of virtual laboratory work during the lesson

Eliminates barriers between sessions. This is the quality of teaching and

Efficiency contributes to the increase of independent learning activity of future teachers;

-Virtual information-educational laboratory of research character

Offers ample opportunities for research.

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Information set-references in primary school lessons,

Encyclopedias, virtual libraries, maps, pictures, drawings,

Animations, texts, statistical and dynamic representations of visual information, sound images (recorded sound, music, etc.) can be used.

Today's requirements for teachers are the ability to use information technology in the classroom, free future teachers from the computer

To use, to master modern knowledge, to become a spiritually mature person.

In conclusion, it should be noted that a stable condition for the development of our country is to achieve an improved system of training on the basis of modern economic, scientific, cultural, technical and technological development. In order to increase the effectiveness of education today, in addition to a solid acquisition of knowledge, we need teachers who know modern pedagogical technologies and interactive methods, know the rules of their use in the organization of teaching and educational activities. Various trainings, seminars, special courses on pedagogical technologies have been organized in order to develop the skills and abilities of young talented teachers and researchers working in educational institutions. "Pedagogical technology" is aimed at the practical aspect of education and the use of organizational and methodological opportunities, its implementation by specific means increases the attention of educators around the world. There are different views on the technological direction. While some educators see pedagogical technology as a means of differentiating education, others are interested in the possibility of achieving high results through hard work and bringing all learners to a predetermined level of knowledge, skills and competencies. Some educators are hoping that the technology of education will revolutionize the practice of public education. The role and importance of modern teaching methods, interactive methods and pedagogical technologies in the educational process of educational institutions is incomparable. It would be useful if educational institutions were more aware of the nature of activities aimed at introducing pedagogical technologies in the educational process of future teachers in educational institutions.

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