

INFORMATION COMMUNICATION IN SCHOOL EDUCATION METHODOLOGICAL NECESSITY OF USING TECHNOLOGIES

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Abstract

This article shows the need to teach students using modern methods and information communication tools in the school education system. Today, our developing society demands to work on the basis of innovative technologies in all aspects. Therefore, teaching students with the help of these tools in the school education system, at least raising their imagination about information communication and innovative tools, this It is important to develop knowledge and skills in working with tools.

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Introduction: Our society, which is rapidly developing, while preserving its nationality in the preparation of qualified personnel, organizes lessons based on innovative and modern information and communication tools, involves qualified specialists in the lesson process, in a word, organizes lesson processes that meet world standards. is demanding. At a time when the speed of the flow of information is accelerating, it is difficult to attract the student's attention to knowledge if every lesson is not colorful. This requires inquisitiveness and creativity from the teacher. Based on his professional experience, it is appropriate if the teacher organizes the lesson based on the interest of the student or on the basis of games related to various subjects. The games should be selected based on the psychology of the student a slave The method of encouraging to be the first always pays off. Because children always want to show themselves, to be one step ahead of their peers. Even in the lessons, before delivering new information, the teacher clarifies and organizes their previously acquired knowledge and ideas. . One of the main elements of the educational work carried out in the class is that students perform independent, free-thinking educational and practical tasks on the basis of mutual activity, which will definitely lead to

maturity in life.

MATERIALS AND METHODS: Expanding the ranks of learners, using quality teaching methods in the educational process today, taking into account the interest and needs of learners, involving experienced teachers in the teaching process, etc. requires provision. In addition, the adoption of legal documents representing the rights and freedoms of students is also important. For this purpose, in the Republic of Uzbekistan, the laws “On Youth”, “On Education”, “On Youth Policy in the Republic of Uzbekistan” play an important role in fulfilling the requirements of this field. is burning. As stated in Article 46 of the Law of the Republic of Uzbekistan “On Education”: Pedagogical staff are obliged to use information and communication technologies, advanced and innovative forms and methods of teaching and training¹.

Although there is already a wealth of experience in the field of computer education, many teachers are wary of the possibility of using computer-based teaching tools. It should also be noted that the process of computerization of education faces a number of problems. The process of introducing information technologies into education is very complex and requires deep understanding. On the one hand, they play an important role in ensuring the effectiveness of the educational process, and on the other hand, with the help of a computer, the problem of the speed of learning the material by students, that is, it is possible to individualize teaching². All of these cases lead to educational reforms. requires continuous continuation.

DISCUSSION AND RESULTS: Today, individuals or organizations working in the field of education, based on their competence, pay attention to the issue of providing the educational process with information and communication systems. This situation shows that the role of information technologies in people's lives is increasing. Based on demands and needs, the society is involuntarily involved in the society based on information communication and innovative methods. This situation includes the use of information sources by any citizen, the penetration of information technologies into the scientific, industrial, public spheres, and the high level of information services. The processes taking place in connection with the informatization of the society help not only to accelerate the scientific and technical progress, to intellectualize all types of human activity, but also to create a qualitatively new information environment of the society, to ensure the development of the society³.

Any interactive methods used in lessons have an educational character and help to strengthen, clarify and expand student knowledge, generalize and systematize it. In the process of researching this article, the methods of logic, consistency, historicity and objectivity of scientific knowledge were widely used. The role of modern pedagogical technologies in teaching professional terminological vocabulary was revealed objectively⁴.

When aiming to increase the quality of the educational process, it is appropriate to recommend organizing the entire team into small groups, applying effective methods of pedagogical technology in order to increase the interest of students in the theoretical and practical part of the lessons. Because organizing work in small groups brings a number of reliefs. Among them, involving the whole group in the lesson process, not neglecting any learner, being able to evaluate a large part of the team, preventing boredom of students who are not involved in the lesson process. get etc. It is not a secret for many that

¹ “Ta’lim to’g’risida”gi O’zbekiston Respublikasi Qonuni <https://lex.uz/docs/-5013007>.

² Saidov D., Ismailova A. Ta’lim jarayonida axborot texnologiyalaridan foydalanishning ayrim dolzarb masalalari. Oriental renaissance: innovative, educational, natural and social sciences volume 1 | issue 10 issn 2181-1784 scientific journal impact factor sjif 2021: 5.423.november 2021.778-bet.

³Shu manba-779 bet.

⁴ Taylaqov N.I. Ta’lim tizimida zamonaviy axborot texnologiyalarini joriy etishning istiqbollari // Ta’lim va tarbiya -T. 2002.

today, as a result of large-scale reforms in the field of education in our country, wide opportunities are being created for the introduction and implementation of information and communication tools, modern, innovative methods of teaching in the educational process.

At the same time, there is a problem of in-depth teaching of information and communication technologies, students' acceptance, processing and independent work of a large amount of information. This process is quickly noticeable in students who have completed secondary education and come to study in higher education. That is, the absence of modern information and communication technologies or a qualified specialist to explain it in the student's school confirms our above-mentioned points. In-depth training of our talented, inquisitive and creative children in the field of information and communication technologies that they are interested in will serve as the main factor in their development as highly qualified specialists in the future⁵.

It is known that all the educational institutions of our Republic are working on the application of modern forms and methods of teaching in the educational process, effective use of information technologies in the educational system, bringing the educational system up to the required level.

The use of modern information technologies in the educational process is as follows possibilities can be given:

- To make it easier for the teacher to deliver educational materials to students;
- Availability of the opportunity to repeatedly demonstrate the educational materials provided during the lesson;
- Achieving a high level of mastery of students;
- The possibility of organizing virtual exhibition stands as part of multimedia electronic textbooks;
- The possibility of interesting organization of practical and laboratory training through video, audio and animation tools;
- Public use of the recommended educational materials, i.e. the possibility of using them in one or more audiences and groups with the help of network technologies;
- Quickly changing the database of educational materials with new information availability of reserves;
- Transition to lecture materials during practical and laboratory sessions opportunity creation;
- Ability to use distance learning as one of the main tools;
- Assessment, control, etc. of individual knowledge of learners⁶.

Applying educational materials with such capabilities to the learning process, simultaneously allowing learners to see, read, hear, reflect, and repeat their own learning materials, creates opportunities to increase knowledge. The application of information technologies to the educational process, especially the use of multimedia tools, creates great opportunities to describe the educational process in a didactic way⁷. Electronic textbooks have a special place in the effective use of information and communication technologies in the educational process.

An electronic textbook is an electronic educational literature intended for the application of the educational method based on computer and information and communication technologies, for

⁵ Axborot-kommunikatsiya texnologiyalar va tizimlar.O'quv qullanma.Kenjabayev A.T., Ikramov M.M., Allanazarov A.Sh., O'zbekiston faylasuflari milliy jamiyati nashriyoti. 2017-408b.

⁶ Мехмонов Р.Ү., Ж.Н.Эшпўлатов. Мактабгача таълим муассасалари тарбияланувчиларининг жисмоний ривожда янги ахборот технологияларидан фойдаланиш муаммолари ва ечимлари // Фан ва жамият №3,15 Б.

⁷Umarova Z.A. Pedagogical Opportunities of Media Resources in a Digital Media Educational Environment // Journal La Edusci. 2020. 1 (5), P. 1-5.

independent education, and for the effective assimilation of educational materials and scientific information. If information and communication technologies are applied to the educational process in the educational system, the educational process will be accelerated. Among the main factors of accelerating the educational process, the following can be mentioned:

- goal orientation;
- to increase students' motivation;
- expansion of the informative content of the educational content;
- activation of students' educational activities;
- strengthening the educational and practical level of students, etc⁸.

The use of modern information technologies and its wide application in practice are of great importance in the learning process of the learner during the lesson. In particular, in this process, the preparation of multimedia, slides and other visual process prepared or recommended to be prepared using computers, personal computers and laptops is of particular importance. Because this situation itself indicates that the lesson processes are organized effectively. The information and communication technology system allows solving the following issues in the educational process:

- Rational organization of students' cognitive activities during the educational process;
- in the context of innovative education, making learning more effective by engaging students' emotional perceptions and providing the intellect with new visual, multimedia, innovative tools;
- To create an open educational system that offers specific learners their own educational path, to involve the category of inclusive learners in the active learning process;
- use of certain aspects of information and communication systems that allow to simplify the educational process and focus on new innovative methods;
- Strengthening the educational process through innovative methods and multimedia tools⁹.

The important aspect of the information and communication system is that it gives the teacher and the learner unlimited basicity and the opportunity to introduce a more colorful, interactive learning process. expands the learner's opportunity to learn, but also gives a great opportunity to further improve the intellectual, analytical, creative, pedagogical experience and ability of the learner. brings opportunities to work independently with various information sources and analyze them independently.

Wide-ranging scientific and technical progress, which began in the 19th century, provided all aspects of society with new, innovative tools for its time, and made their living standards easier. However, the passage of centuries has shown that these tools are not at the level of demand for today's society. All of these situations required new innovations from science. Attention to the educational process has become an urgent issue in the countries of the world. New fields in the educational process began to emerge. Especially as a result of the invention of the computer, the greatest invention of the 20th century, the information and communication technologies used in all production areas of the society began to be provided with new, additional and innovative equipment.

However, it can be rightly said that, regardless of the type of production, innovation has not been as high as it is today. Accelerating the educational process and providing it with modern information technologies, information communication systems and tools began to increase the quality of education.

⁸ A.Mahmudov. Professional ta'lim muassalarida zamonaviy ta'lim texnologiyalari va axborot kommunikatsiya texnologiyalaridan foydalanishning ahamiyati. "Ta'lim tizimida zamonaviy axborot texnologiyalari resurslaridan foydalanish istiqbollari". Respublika miqyosidagi ilmiy-amaliy konferensiya materiallari. (2023-yil 30-may, Toshkent, O'zbekiston).

⁹ Максимовская М. А. Информационное управление школой // Информатика и образования — 2003. — № 11

In addition, in the educational process, the wide promotion of information and communication tools, advanced pedagogical experiences in practice will reduce the free time of learners in the educational process, increase their ability to be creative, and eliminate their tendency to destructive ideas, help to do.

If we take into account the characteristics of age in the education process, young people have a greater need to learn than to study. In other words, they are more interested in the computer field, not doing so will lead to their voluntary use of this system, increased interest in prohibited materials, increased interest in learning about disruptive ideas. Therefore, the use of new multimedia tools in the educational process, and the use of tools that reflect nationalism, will make their free time productive, facilitating the transfer is one of the main goals of the informational education system.

The main purpose of using educational and methodical materials and electronic textbooks created on the basis of computer software is to form a modern information-educational style, to increase the efficiency, quality and productivity of the educational process by using modern information-pedagogical, information and computer technologies, the widespread use of modern educational resources in the continuing education system, electronic textbooks, the organization of their libraries in a certain sense, the practical introduction of distance learning methods and access to the universal electronic educational system consists of Electronic teaching and methodical materials created for independent educational activities operate with the help of automated software tools.

Automated learning materials recommend information on relevant topics to learners and monitor knowledge. Depending on the results of knowledge control, students are recommended tasks of different levels. With the help of automated teaching and learning tools, learners can increase and improve their knowledge even without the help of a teacher. One of the main requirements for the organization of a distance education system in the educational process is the means of presenting educational materials to students.

Summary: As a conclusion to our topic, it can be said that teaching based on modern standards in the educational process, introducing innovative information and communication systems into the learning process, explaining the role and importance of these tools in society to learners in a broad form are the main features of the learning process based on interactive methods. constitutes a zagi. If we pay attention to the outlook, dreams and character of today's learners, traditional, dogmatic lessons are not suitable for them. they are learning about games through various social networks. The reuse of these games by teachers in the course of the lesson does not correspond to their goals and interests. In this place, the teacher's creativity and ability, inquisitiveness play a decisive role. That is, the teacher should analyze the situation not according to the analysis of the child, but according to the interest of society.

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