

The Use of Modern Communication Technologies in Education

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Abstract

this article provides information on the application of smart technologies and the role of Information Technology in the process of Education. What is the role of modern technology in education

Key words: *education, information technology, computer, lesson, upbringing*

Today, the teacher is required to use advanced pedagogical and new information technologies in the educational process. Based on the above, we will outline our thoughts on ways to educate by applying interactive techniques in classes based on our experiences. We think that it will provide practical assistance to our colleagues in improving the effectiveness of training. It also makes students one of their close assistants in fulfilling the responsible task of choosing their own direction and forming skills for preparing for an independent life.

After all, the president of our country Sh.Mirziyoyev's opinion that " we consider improving the activities of all branches of the educational and educational system on the basis of the requirements of today's times-resurrection as our first-rate task." Educational practice shows that the establishment of interdisciplinary engagement in school education is a vivid expression of the Integrative processes taking place today in the life of Science and society. This involvement plays an important role in the conscious acquisition of knowledge by students, the development of their holistic perception of the world and the development of practical and scientific and methodological training. Such preparation allows graduates of general secondary education to freely apply the knowledge, skills and

qualifications acquired in the lesson and extracurricular activities, production and in any activity in general.

The current period puts great demands on the teacher and the student, the main of these requirements is the effectiveness of the lesson, its quality, the knowledge and skills of students, various classes in schools, their organization and the acquisition of students through it of various knowledge and skills. Today, the role of innovative technologies, technical means, including modern computers, in the correct and effective organization of the educational process is incomparable. The use of multimedia, animation, graphics, diafilms and videos on the topic of the lesson will help to make the lesson process more interesting, for this, the teacher should work on himself and ask himself the question of "what innovation I can get into today's lesson process and organize the lesson more interesting", that is, he should try to avoid traditional education and give

In the organization of the course process using modern information technology, the teacher initially:

- purpose of the lesson;
- ways to achieve the goal;
- methods of providing educational materials;
- teaching methods;
- types of training assignments;
- questions for discussions;
- ways to organize debates and debates;
- it will be necessary to identify factors such as communication methods and communication.

In the educational process, the use of computer and information technology plays an important role in educating students as mentally and spiritually mature people, developing knowledge, skills and skills in the essence of our national traditions, values[^]in them, in the study of the rich spiritual norms of our great ancestors. Through computer and information technology tools, pedagogical staff as well as students will be able to obtain, track processing and master a huge amount of information. Today, a special market of programs is also being formed in Uzbekistan, which is used as a didactic tool in the educational process. Currently, there are many programs that are posted on the internet that can be used in general education classes. Among these, first of all, electronic textbooks can be included. Computer technology allows you to use tasks of a different interactive nature. For example, students will be able to find out how they learn by placing events in a chronological sequence, correctly interpreting terms and concepts related to science, or displaying the terms and their meaning in the right and left rows with Arrows, respectively, or comparing tasks such as filling in the base words on the given topic, completing test tasks, solving crosswords with answers

In the upbringing of a modern intellectual person, integrative education covers all aspects (mental, moral, economic, labor, aesthetic, hygienic, legal, physical education)and ensures their interdependence. In the process of integrative education, the student matures with comprehensive knowledge of the integrity of the universe, the laws of the universe, nature, the interaction of Nature, Society and people. Able to feel the beauty of nature, enjoy it, acquire the skills of veneration.

In the context of the globalization of education, the wider application of interdisciplinary continuity is the same necessity. Relying on the principle of interdisciplinary continuity educational institutions should be applied to the educational process. The principle of interdisciplinary continuity ensures the full assimilation of complex aspects of inter-subject relations of related learning, penetrating into the

internal essence of knowledge, as a result of which various systems create internal communication, integrative integrity.

The implementation of interdisciplinary involvement in the educational process has a strong impact on the quality of Education, allows you to modernize education, expand the possibilities of innovative teaching, and the teacher, who was able to organize a lesson with the provision of interdisciplinary communication, will help students to master this discipline, not only increase their interest in the subject. As a result of the systematic implementation of interdisciplinary communication, the involvement of the educational process increases significantly.

In the content of education, the problem of Man and his attitude to the world is increasingly central: Man and nature, man and society, man and Man, Man and technology, nature-man, technology-environment. A naturalist cannot study subjects once in a class. It is necessary to study it on the basis of continuity and continuity in kindergarten, school, system. The content of the education of Natural Sciences should reflect the continuity and integration of knowledge related to various academic disciplines that study the problems surrounding the connection of Man and nature, which leads to qualitatively new changes in knowledge related to natural sciences. This knowledge manifests itself as a kind of synthesis, knowledge of the natural sciences and a set of Humane directions. Their characterization as a systematic and probable style of thinking falls into the order of distinguishing features of natural knowledge.

Today we cannot imagine our society as a whole without the media of our daily life. Let's not talk about which area these tools do not leave us. Especially in the educational process, information technology is gaining special relevance. It is widely used in expanding the knowledge and worldview of young people through the means of computer programs. Modern information technologies are being introduced in teaching from different subjects, further increasing the effectiveness of the lesson. As in all spheres of the socio-spiritual life of our country, comprehensive reforms have been established in the educational system, which require continuous improvement of the quality of education and its effectiveness through the introduction of information technologies into the educational and educational process of Higher Education.

The education management system (LMS) is a software application for the management, documentation, tracking, reporting, automation, and delivery of educational courses, curricula, or learning and development programs. Educational management systems were developed to identify educational and educational deficits using analytical data and reports. LMS is focused on delivering online learning, but supports a number of uses, which serve as platforms for online content, including asynchronous and synchronous-based courses. In higher education, the LMS may offer classroom management for teacher-led training or a changing class. Modern LMS include intelligent algorithms to provide automated recommendations for courses based on the user's proficiency profile as well as to extract metadata from training materials to make recommendations more accurate.

List of references

1. Tolipov U.K., Sharipov Sh.S. O'quvchi shaxsi ijodkorlik faoliyatini rivojlantirishning pedagogik asoslari. - T., Fan, 2012
2. Yo'ldashev J. G., Usmonov S.A. Zamonaviy pedagogik texnologiyalarni amaliyotga joriy qilish. - T: Fan va texnologiya, 2008.
3. Okhunov, M., & Minamatov, Y. (2021). Application of Innovative Projects in Information Systems. *European Journal of Life Safety and Stability* (2660-9630), 11,

4. Minamatov, Y. E. U. (2021). APPLICATION OF MODULAR TEACHING TECHNOLOGY IN TECHNOLOGY. *Scientific progress*, 2(8), 911-913.
5. Минаматов, Ю. (2021). УМНЫЕ УСТРОЙСТВА И ПРОЦЕССЫ В ИХ ПРАКТИЧЕСКОЙ ЭКСПЛУАТАЦИИ. *Eurasian Journal of Academic Research*, 1(9), 875-879.
6. Botirovich, I. B. (2023). ABOUT THE LOCATION OF THE TAJIK POPULATION IN THE KOKAND KHANATE.
7. Nasriddinovich, A. A. (2021, July). PROSPECTIVE DIRECTIONS OF CIVIL SOCIETY IN UZBEKISTAN. In *E-Conference Globe* (pp. 234-237).
8. Мадумаров, Т., & Фуломжонов, О. (2024). ТАЪЛИМ ТИЗИМИНИ РИВОЖЛАНТИРИШДА УСТУВОР ВАЗИФАЛАР ВА ЎҚУВЧИ-ЁШЛАРНИ ВАТАНПАРВАРЛИК РУҲИДА ТАРБИЯЛАШ. *Евразийский журнал права, финансов и прикладных наук*, 4(2), 48-51