

## INFORMATION TECHNOLOGIES IN IMPROVING THE QUALITY AND EFFICIENCY OF EDUCATION

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**Abstract.** This article discusses the issues of organizing classes using information technology to improve the quality and effectiveness of education, which is considered one of the main tasks of modern teachers.

**Keywords:** information technology, information resources, the quality of education.

In our country, it is becoming increasingly important to conduct scientific research aimed at reforming the education system, including the solution of scientific and methodological problems of the development of teacher education in the regions, the introduction of advanced foreign pedagogical technologies, the introduction of educational and scientific projects, and the involvement of specialists in the process of education and scientific research generates income [1]. For this, further improvement of the mechanisms for introducing innovative clusters of teacher education, effective in improving the content and quality of education, training highly educated teachers with competitive, high knowledge and skills, is being carried out.

The reforms carried out on a global scale are largely determined by the dependence of society on the educational system and the opportunities and conditions for the implementation of education, which have led to the growth of modernized demand through the organization. The introduction of modern information technologies, educational and electronic programs, the development of electronic educational resources, educational and methodological support aimed at developing students' basic skills related to needlework, the development of teaching methods and its implementation in practice expand opportunities.

The teacher is looking for ways, techniques and techniques, forms of teaching, techniques and situations that activate students, convenient for him and the student. By teaching students to think independently, they achieve high quality and efficiency of the educational process. Therefore, pedagogical technology, didactic technology, educational technology are considered the most effective means in the educational process. They are widely used in teaching practice. The most pressing issue and task today is the introduction of educational standards in the learning process [2,3,4,5,6,7].

If this task is not implemented, the issues of achieving quality and efficiency in the field of education and improving the educational process will remain unresolved. It is necessary to create a scientific and practical mechanism for the application of new pedagogical technology in the learning process. When introducing pedagogical technologies into the educational process, it is advisable to carry out the following activities [8, 9, 10, 11]:

- organization of pedagogical practice and theory of pedagogical technologies;
- organization of courses on the study, monitoring, control and implementation of pedagogical technologies;

- holding seminars and trainings on the use of pedagogical technologies in the learning process;
- create an up-to-date data bank on the collection, selection and application of pedagogical technologies, apply them in the learning process based on their analysis;
- analyze, generalize, popularize the experience of practical application of advanced pedagogical technologies, create manuals and deliver them to educational institutions.

One of the main tasks of modern teachers is the organization of education using information technology to improve the quality and effectiveness of education.

Technologies such as the interactive technology "Network boomerang", SMART technology, "Boomerang", "Step-by-step", "Video search", methods and non-standard tests, creative exercises and problematic video tasks that identify and develop basic skills related to crafts с Electronic information educational environment on the basis of the studied material serves to form and develop the consolidation of knowledge, the formation of problem analysis skills, independent decision-making, responsibility, independence and basic competencies related to science.

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