Information Technologies in the Activities of the Teacher

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Abstract. in the article examines the possibilities of applying modern information technologies in the activities of the teacher, as well as the solution of educational tasks with the help of new tools: an interactive white board, a computer, a projector and other visual aids.

Keywords: information technology, teacher, students, Internet technologies, educational process. .

The key to the successful functioning of the education system is constant improvement and transformation in relation to the current level of development of science, technology and social values. Modernization of the education system in our time consists in the creation of all technical conditions for the introduction of computer technologies into the educational process, but also in ensuring the readiness of teachers to conduct educational activities in the context of informatization.

In the modern educational space, the teacher manages the educational activities of students, organizes and coordinates the educational process, participates in the work of the administration team and pedagogical colleagues. Pedagogical activity requires deep knowledge in its subject area, skills in conducting scientific and methodological activities, knowledge of didactic science, traditional and modern methods and forms of organizing the learning process. Informatization of education provides a wide range of means for enriching the educational process with new forms and means, however, for their successful implementation in their work, the teacher must know the technologies of their use and identify their didactic value.

It should be noted that students entering an educational organization already have the skills to handle information and telecommunications facilities, constantly using them both for educational and entertainment purposes. The goal of the teacher is to organize the creative and intellectual work of students and use the skills they have for the most effective solution of educational problems. In addition, given a number of advantages that information technologies provide to the educational system, it is unjustified not to use them in the educational process. Thus, in the modern education system, a teacher must have a high information culture and practical skills in using the latest technologies in their activities.

The work of a teacher in an educational organization can be divided into several aspects. First of all, let us consider the interaction of the teacher with the students.

The joint activity of a teacher and a student in the broadest sense implies learning, the process of transferring life experience, knowledge about a certain subject, phenomenon, the formation of practical skills, ways of interacting with the studied subject, which, ultimately, involves the implementation of all information processes between these subjects. Computer technology and telecommunication means, which have become widespread in the education system, transform the

traditional methods of transferring information, both in the general case and in the conditions of pedagogical activity [1]. The solution of educational problems in the classroom is carried out using new tools: an interactive whiteboard, a computer and a projector, visual aids created in the environment of various applications. Changes the process of preparing handouts: using a computer, the development of individual cards or instructions is simplified, it becomes possible to quickly introduce relevant changes, correct errors, make amendments and additions.

The process of acquiring new knowledge always relies on the use of visual aids to build a solid knowledge base. The introduction of didactic materials created on the basis of information technologies into the educational process has a number of obvious advantages. Visual aids can be formatted in a convenient way, highlighting the most important aspects. The use of visual effects and various methods of demonstrating objects allows for interactivity, to draw the attention of students to the subject under study.

Information technology streamlines the reporting process. The preparation of electronic documents, speeches is simplified through the use of special-purpose application packages. In this case, the teacher has the opportunity to prepare a database of students, calendar-thematic plans, plans for educational work, plans-synopses of lessons and class hours. All these developments make up the teacher's portfolio.

In addition to educational activities, computer technologies can be used in extracurricular and extracurricular activities. Preparation of additional classes, meetings of circles, sections implies the development of materials on the subject, a more detailed study of certain objects. In this case, didactic materials are of decisive importance. In addition to static illustrative materials, the use of the video method deserves special attention. It allows you to obtain information about the behavior model of an object that cannot be observed in real time, to analyze the course of events of a particular phenomenon, to give an idea of the correct and erroneous performance of certain actions, while providing the possibility of repeated, slow-motion, frame-by-frame viewing.

Thematic class hours, decades of various subject areas, festive events, sports events are an integral part of the organization of extracurricular work in an educational organization. In this case, competent technical performance contributes to a more successful achievement of the set goals and activates cognitive activity.

Modern educational organizations are gradually abandoning paper-based journals in favor of electronic journals and diaries. Such innovations require educators to work in a given environment in accordance with a clearly established algorithm. Electronic journals and diaries provide all the possibilities for monitoring and evaluating the performance of students, giving parents access to the learning outcomes of their children. Such systems allow you to manage the personal affairs of students, provide reliable storage of the results of control activities in the subject, information about the volume and content of the discipline.

The next aspect of the teacher's work is his self-education, professional development. In the context of informatization, a competitive specialist in any field, including in the field of education, is obliged to constantly improve professional skills. The exchange of pedagogical experience, the search for scientific literature, participation in discussions and forums is carried out by means of Internet technologies. Another advantage of using Internet resources is the development of personal websites and portfolios. The teacher's portfolio includes information about the level of education and work experience, personal achievements and success of students, methodological developments, information about the publication of scientific papers in scientific collections or journals. The teacher's Internet resource is a platform for posting information about the teacher's personal and professional growth.

The development of information technologies and the spread of new communication methods made it possible to organize the educational process on an individual basis using distance technologies. For the teacher, this gives the opportunity to improve their qualifications, participate in master classes and webinars to improve their teaching activities. At the same time, training sessions can be carried out on the territory of any educational institution in any country, the teacher, having the skills to work with information and communication means, becomes an active participant in the educational process at a convenient time.

Thus, information technologies occupy an important place in the activities of a teacher, transforming the goals, content and learning outcomes. The introduction of information technologies into the education system has an impact on all subjects of the educational process. Students receive educational material in a more accessible form, while having the opportunity for creative independent work. Teachers receive ample opportunities to organize educational activities using new methods and means, improving personal professional qualities in accordance with the current requirements of the educational system.

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