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OPPORTUNITIES FOR IMPROVING THE MANAGEMENT SYSTEM OF THE EDUCATIONAL INSTITUTION WITH INFORMATION TECHNOLOGIES

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Abstract: In recent years, the education system has been fundamentally reformed in our country, and special attention is being paid to raising a mature generation who are worthy successors of our tomorrow. The implementation of such ambitious tasks places a great responsibility on the centers of retraining of preschool and school education workers and their professional development.

Keywords: Education; Training; Teacher; Professional Development; Retraining; Universal Values.

Introduction

Considering the huge influence of modern information technologies on the educational process, many pedagogues are more ready to include them in their methodological system. However, the process of informatization of education cannot happen instantly, according to any reform, it is gradual and continuous. The functional characteristics of modern information technologies ensure the implementation of many opportunities that help to improve the quality of education in the educational process. Foreign scientists who study the processes of informatization of education make many assessments of the possibilities of information technologies.

Results and Discussion

E.I. Mashbits considers the following as a set of important advantages of using a computer in teaching compared to traditional classes:

1. Information technologies significantly expand the possibilities of providing educational information. The use of all modern means of color, graphics, sound, video technology allows to recreate a real activity environment.
2. The computer can significantly increase students' enthusiasm for learning. Motivation is increased by using sufficient incentives to solve the problem correctly.
3. ICT involves students in the educational process, contributes to the maximum development of their abilities, and increases mental activity.
4. The use of ICT in the educational process increases the possibilities of setting educational tasks and managing the process of solving them. Computers allow to build and analyze models of various objects, situations, events.
5. ICT allows to qualitatively change the control of student activities while providing flexibility in managing the educational process.
6. The computer helps to form reflection in students. The training program allows students to imagine the result of their actions, to determine the stage of solving the problem where the error was made and to correct it.

The listed capabilities of the computer help to identify and develop the student's abilities, to form skills and desire to learn, and to create conditions for mastering knowledge. Thus, there are several aspects of information technology:

I.   Motivational aspect. the use of information technologies helps to increase students' interest and form positive motivation:
a.   maximum consideration of individual educational opportunities and needs of students;
b.   a wide choice of content, forms, speed and levels of training sessions;
c.   revealing the creative potential of students;
d.   assimilation of modern information technologies by students.

II.   Content aspect. Information technology opportunities can be used as follows:
a.   in the creation of interactive aspects and other digital educational resources on some subjects and sections of the educational science;
b.   when creating individual test mini-lessons;
c.   in creating simulators for interactive homework and independent work of students.

Educational and methodological aspect. Information technologies can be used as educational and methodological support of the educational process. The teacher uses various educational tools at all stages of training. In addition, the teacher can use a variety of digital learning resources to design in-class and extra-curricular activities.

In connection with the above, the main directions of using information technologies can be distinguished:
a. Computer and information technology as an object of study (information technology course).
b. Use of information technologies as a means of teaching various subjects as a means of supporting science classes and other types of activities.
c. Computer and IT as a means of development and education.
d. Information technology as a tool for diagnosing various functional systems of education.

The introduction of modern information technologies into the field of education allows teachers to qualitatively change the content, methods and organizational forms of education. The goal of these technologies in education is to increase the intellectual capabilities of students in the information society, as well as to humanize, individualize, intensify and improve the quality of education at all stages of the educational system.

As a result of the analysis of scientific-theoretical literature, pedagogical observations, and comparative analysis, it was concluded that it is appropriate to develop the media culture of future engineer-pedagogues based on the following principles:
a.   cultural compatibility - taking into account the existing culture and conditions in the society and the characteristics of the national mentality in the education and upbringing of the student;
b.   semiotics - sign-symbolic systems make the thinking process more effective, require compliance with the statistical and dynamic norms of the subject of its perception;
c.   freedom of information consumption - allows students to ensure freedom of information consumption, pays attention to learning the language of the media;
d.   subjectivity - relying on the student's personal experience, his active actions, his initiative and independence in learning;
e.   activity - creating real conditions for involving students in media-educational activities, improving pedagogical interaction;
f.   creativity - development of its creative activity in the process of creating a media product;
g.   humanization - paying attention to the personality of the student, treating him with respect and benevolence, creating favorable conditions for the development of his creative individuality;

h.   integration - observing many integrative processes, "thinking outside the shell", providing favorable pedagogical conditions for the development of media culture;

The principle of creativity and success - allows defining and developing the individual characteristics of the student, as well as developing his abilities and self-improvement.

Conclusion

the integration of modern information technologies into education significantly enhances the quality of the educational process by expanding access to information, increasing student motivation, and improving the management of educational tasks. The use of ICT fosters students' creative potential, supports diverse learning needs, and enables the creation of interactive and individualized learning experiences. It also enhances the teacher's ability to design and manage lessons effectively, ensuring a more engaging and flexible learning environment. The principles of cultural compatibility, semiotics, freedom of information consumption, subjectivity, activity, creativity, humanization, and integration underpin the development of media culture in future educators, ultimately aiming to humanize, individualize, and improve the quality of education.

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