

DEVELOPMENT OF THE STUDENT'S PERSONALITY, PREPARATION OF STUDENTS FOR LIFE IN CONDITIONS OF INFORMATION PROGRESS

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ABSTRACT

The current state of an educational institution is characterized by an increase in crisis phenomena in it, which is associated, on the one hand, with a massive delay in the physical and mental development of children, and on the other, with an ever-increasing gap between the potential level of learning material by students and the pedagogical technologies used in school. According to the survey, in schools only a small part of secondary school teachers work at a professional and creative level, using modern pedagogical technologies. The ongoing educational reforms of the Republic of Uzbekistan require modern pedagogical science to update knowledge and technologies as tools for improving the quality of the educational process in modern educational institutions. Numerous studies have proven that the quality of education largely depends on the chosen pedagogical technology and teaching method, as well as the presentation of new content to schoolchildren. It is possible to achieve good results in teaching the subject of biology through modern pedagogical technologies [5].

Modern psychologists and methodologists declare the need to develop abilities in schoolchildren, focusing on self-education and self-control in the process of socialization. Possession of operational, intellectual and modern technologies is considered a priority. The ability of students to transform and transfer knowledge in new conditions largely determines the meaning of the new concept of "competence", which appeared in school with the beginning of modernization. The formation and development of competence in various types of individual activities is considered the goal of the educational process at school. Now in the education system, developmental teaching technologies are becoming a priority, designed for the constant self-improvement of the personality of not only the student, but also the teacher. Thinking, analyzing, comparing, highlighting the main thing, taking initiative in acquiring knowledge and at the same time providing moral education, compliance with ethical standards of behavior, and tolerance is one of the areas of activity of a modern school [4].

Modern society requires not only improving the quality of education and improving its structure, but also strengthening not only the physical health of students, but also ensuring the psychological comfort of participants in the pedagogical process. This is dictated by the rapid pace of development of high technologies, as well as persistent negative trends in the dynamics of the health of children and adolescents. One of the ways to solve the problem of the deteriorating health status of the children's population is the implementation of health-saving technologies in the learning process [1].

A rational and effective solution is for the teacher to realize the priority of creative teaching

technologies, the end result of which is for students to obtain their own knowledge. In this case, research and design activities, gaming technologies, conferences, modular training, and collective learning technology are promising. For both the student and the teacher, a lesson is interesting when it is modern in the broadest sense of the word.

At the present stage in teaching biology, special attention is paid to students' mastery of traditional methods of scientific knowledge of the world around them: theoretical and experimental, which is not always interesting for children with low cognitive activity. Modern children are turning less and less to books for information, but are trying to get it from modern sources of information. The use of new information technologies in a biology course significantly increases the level of learning when students' motivation is low. One of the advantages of using multimedia technologies in teaching is to improve the quality of learning due to the novelty of the activity and interest in working with new technical devices.

Using a computer and mobile devices, you can simulate complex biological processes and patterns, monitor students' knowledge, organize independent work, explain and consolidate new material [3].

The use of modern technical devices in biology lessons can become a new method of organizing active and meaningful work for students, making classes more visual and interesting. Lessons using computer systems do not replace the teacher; on the contrary, they make communication with the student more meaningful, individual and active.

The most effective forms of presenting material on biology include multimedia presentations of a new level using animation with a combination of 3D effects. This form allows you to present educational material as a system of bright supporting images. The use of multimedia presentations is advisable at any stage of learning a topic and at any stage of the lesson.

New information technologies are actively being introduced into students' research activities. Many schoolchildren enjoy doing research and design work in biology by comparing tables, diagrams, drawings, and diagrams. As we all know, modern students mostly sit at computers and using mobile devices, playing various entertaining games. Since these games are very colorful and entertaining, gadgets draw them into the virtual world of games. In modern teaching methods, we must take into account all these positive aspects of computer games and, based on this, form new, modern educational processes. Since these games teach students to go through different levels (from the bottom to the top) and work in a team, they need to turn the channel of knowledge in the right direction and, as they say, go with the flow and improve [2].

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