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INCREASING THE EFFECTIVENESS OF EDUCATION AND THE ROLE OF INTERACTIVE MEDODES IN TEACHING THE SUBJECT OF BATANICS

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Annotation: In this article, an idea was made about ways to improve the effectiveness of education in teaching batanyika science. Today's modern education can not be imagined without interactive techniques. Active methods that reveal the content of the lesson serve as practical support to both the student and the teacher. Unlike a traditional lesson, the methods bring a soul to the course process, the most important thing is that the reader develops consciousness. The article also analyzed the importance of conducting research on the basis of samples of these techniques. In the current educational system, a new concept of knowledge acquisition and ways of organizing the cognitive activities of students in improving the effectiveness of education in the teaching of biological science are analyzed.

Keywords: Botany, interactive method, New conceptualized Technology, Technology, method, cognitive activity, modern education.

The implementation of the”national program of training " provides for radical reforms of the structure and content of the system of continuing education, relying on the achievements of modern science and social experience. To do this, first of all, it is necessary to practically provide the educational process in institutions of all forms of the educational system with a modern methodology based on advanced, scientific and methodological aspects. The development of knowledge, skills and abilities in medical science, especially of professors and teachers in charge of training medical personnel, is one of the urgent issues of the present time. At present, the education and education of the younger generation in any social society is organized and practiced on the basis of a specific goal. The purpose of education and upbringing is determined based on the development of social society, the direction of its development, the content of social relations. Today, the main goal of education and education in the Republic of Uzbekistan is to educate and educate a perfect person.

Modern technologies in the process of training now-interactive methods (innovative pedagogical and information technologies) of education using the emphasis on increasing efficiency is increasing day by day.The same until then, in traditional education, only ready-made knowledge can be acquired by students it was taught.Such a method is independent thinking in student students, creative the quest would quench the initiative. The activities in which modern pedagogical technologies are used are aimed at the fact that students seek the knowledge they acquire on their own, independently study and analyze it, and even bring conclusions on their own. The teacher creates conditions for the development, formation, acquisition and upbringing of a person and a team in this jaroyon, acting, alternatively, as a management, directivity.In such a learning process, students become the main figure. In order to strengthen the educational and cognitive activity of students in modern conditions, improve the quality of training and improve its effectiveness the correct use of educational forms with an innovative character is desirable for every mature pedagogue. Therefore, both in educational institutions it is necessary for the operating teachers to know how to apply modern innovative technologies in their place in

their fields. Currently, new modern techniques or innovations when it comes to application to the educational process, it is understood that interactive methods are used in the learning process. Interactivity is the activity of two people among themselves, that is, in this educational and cognitive process as a mutual conversation, in the form of a dialogue (computer communication), or the reader - is based on the student's interaction.

Today, the application of information technologies to the educational process is accelerating, and it is noticeable that this affects the more qualitative Organization of the educational process. Therefore,the use of interactive techniques in the educational process,the incessant search for an increase in the effectiveness of Education have become an extreme of today, cultivating the motives of students ' studies.

After the independence of Uzbekistan, the contribution to education increased even more. Currently, a modern educational system is used, and modern education in biology is an unconventional Organization of classes, an important sign of which is the achievement of a clear, resultant goal. Unconventional educational technology differs from traditional educational technology in that it creates conditions for the development of students ' cognitive capabilities, special attention is paid to their independent work, cognitive activities acquire a sought-after and creative character.

In biology, it is known that our ancestors also carried out a number of studies on the improvement of education on the basis of pedagogical technologies. The great scholars of the East, such as Moses al-Khorezmi, Ahmad al-Fargoyi, Abu Nasr Farabi, Abu Rayhon Beruni, Mirzo Ulugobek, noted in their works that they attach great importance to the use of various methods and means of teaching a person in schools and madrasas in mental maturation. In the current educational system, there is a need to apply a new conceptualizing technology for the acquisition of knowledge - the methods of non-traditional educational technologies. Non-traditional educational technology: is divided into collaborative learning, modeling, research(project) technologies, and it is carried out on the basis of a holistic integral system. The main concept of pedagogical technology, without words, is the approach of the educational process as a system. The method of non-traditional education is the basis of the activities of cooperation with the educator and the educational person in the implementation of the educational goal. Methods: ensures the achievement of the expected results that the educational person should know, swallow and appreciate. In this education, all the things and phenomena involved in science are functionally interconnected and form a single whole, that is, a set of pedagogical processes.

As we analyze and study ways to improve the effectiveness of education in teaching the subject of Bataika. Our botanists explained the organization of effective ways of the educational process as follows: Ibn Sina attached great importance to the issue of teaching and raising a child at school and devoted a special section of the work "event ul manozil" to this issue. In the section "teaching and raising a child at school" of the book, it is mentioned about the involvement of a child in school. In his highlight, children of all people should be involved in the school and all children should be taught and brought up together. He opposed the individual home education of the child, expressed the benefit of teaching the child with the team at school as follows:

1. If children study together, they will not get bored, they will have an interest in mastering science, they will try not to stay apart, the desire to compete will develop. All this will help improve reading.

2. In a mutual conversation, children tell each other a story that they read from a book, heard from adults.

3. When children gather together, they begin to respect each other, make friends, help each other in mastering educational materials, learn good habits from each other.

In his works, Ibn Sina emphasizes that when teaching a student, the following principles should be followed: not to be occupied with a textbook at once; to go from light to heavy; to pay attention to teaching as a team; to write down his opinion about the good, interest, ability of children in giving knowledge, etc. Burkhoniddin az-Zarnuji wrote in the treatise" ways to educate and educate the learner " that the student should have a serious desire, mood as the main conditions for studying science and profession, after which a good teacher and enough time are needed. Japanese scientist T. It is recognized by Sakamoto that “teaching technology is a field of knowledge related to a system of guidance that ensures the acceptability of teaching.” Russian scientist N.F.Talizina explains that technology “consists of identifying rational ways to achieve a defined learning goal“ in recognition of pedagogical technology as a science. K.K was also approved by Selevko:”pedagogical technology exists both as a science that provides somewhat rational ways of teaching, as methods, principles and regulators used in education, and as a real teaching process." The scientist notes that the concept of “pedagogical technology” is used in educational practice at a hierarchical level.

The appropriate, targeted, effective application of interactive techniques by the teacher (educator)in the process of education and training provides a wide opportunity for the educational (student, student)to train their ability to enter into communication, conduct collective activities, logical thinking, synthesize, analyze existing ideas, find logical connections between different points of view. Innovations, in turn, will be associated with:

- Acceptance of a new topic;

- Import new processes;

- New content of the development space;

- New organizational forms of joint action;

- New management; -

Vs New Product. organization.

So, summarizing the above points,it is worth noting that the formation of a comprehensively mature personality is one of the main goal tasks of today. In conclusion, it should be noted that the role of a teacher and a student in improving the effectiveness of education in teaching botany is one-sided. Traditional education, which currently maintains its dominance in the educational process, presupposes gross training of students and the organization of cognitive activity of my student as a passive listener. In the organization of teaching work, a middle-level student is envisaged, the independence of students is neglected, educational activities are controlled by the teacher.

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