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## **Means of directing students to the profession in the teaching of biology**

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**Abstract:** This article shows the means of directing students to the profession in the teaching of biological science, the orientation of a person to professional activity and a stable attitude towards himself as a subject of a certain profession when choosing a professional direction in biology. 'ladi, serves as a defining moment of all professional and labor activities. Vocational direction should be considered as a component of the general direction of a person, it is understood as a mental expression of a need based on the needs and motives of activity, arising as a result of human activity and determined in professional and work activities. One of the components of the professional direction is the professional direction - a system of directing the subject of professional development to social requirements for professional activity and solving the problems of entering the profession in the course of professional training, and is within the scope of this discipline.

**Keywords:** professional direction, career choice, pedagogue, professional development, education and upbringing, ability, professional and labor activity, profession, school, student.

Based on the changes and innovations implemented in the reform of the education system in our country, the modern demands placed on the pedagogic staff understand the meaning and significance of the decisions made by the government on education and youth and promote them. Who knows his subject in depth, who pays special attention to increasing the subjectivity and activity of students in pedagogical processes; have the skills of cooperation based on friendly relations; students who have the necessary knowledge, skills and abilities in the directions of organizing and managing pedagogical processes, forming and coordinating the cooperation of students and pedagogues, motivating in pedagogical processes, forming a reflexive educational environment based on the organization of reflexive activity processes requires the formation of the teacher's personality.

One of the important tasks of teachers working in the continuous education system is to increase students' interest in mastering the basics of science, and to ensure their competence during the development of independent and creative thinking skills. Innovative technologies play an important role in solving these problems. Lessons using innovative technologies are rich in information, visual, interactive, efficient use of time, each student learns at his own pace, and the teacher has differentiated and

individualized education with students. the possibility of implementation arises, at the same time, it creates a basis for monitoring and evaluating the results of teaching.

Biological science also shows a person's orientation to professional activity and a stable attitude towards himself as a subject of a certain profession, and serves as a defining moment of all professional and labor activities. Vocational direction should be considered as a component of the general direction of a person, it is understood as a mental expression of a need based on the needs and motives of activity, arising as a result of human activity and determined in professional and work activities. One of the components of the professional direction is the professional direction - a system of directing the subject of professional development to social requirements for professional activity and solving the problems of entering the profession in the course of professional training, and is within the scope of this discipline. So we can know that this science has its importance in acquiring all professions.

There are three main tasks to be performed while organizing students' thinking activities with the help of educational films.

The first task is to create an original image of an object or process based on educational films;

the second task is to organize the self-observation of educational films by students with a specific goal;

the third task is to introduce and explain an action that expresses its content by skillfully using an image in the process of creating concepts suitable for theoretical connection and content or performing educational tasks.

As can be seen from the above, educational methods by using educational films to express educational materials in the form of images; it is possible to create opportunities for the implementation of features specific to oral explanation, demonstration and practical methods.

Possibilities of using information and communication technologies in the formation of educational and cognitive motives in students

The use of information and communication technologies in the educational process is the need of the hour. Without the use of modern methods of teaching and information and communication technologies, a teacher cannot achieve effective results in his professional activity. However, it is important to correctly choose the purpose and content, methods and means, and organizational forms of education. With the increase in the flow of information and the complexity of education methods, it is becoming more and more difficult to organize education mainly in the traditional

way. Information and communication technology tools are of particular importance in the educational process and provide extremely wide opportunities for the field of education:

- organization of differential and individual education process;
- feedback: students' self-monitoring and correction;
- use of computer and information technologies such as animation, graphics, multiplication, sound in lessons;
- to create skills for students to learn science, etc.

Practice is the basis of knowledge. And information technology has its advantage in this respect. The presence of the opportunity to explain the learned theoretical knowledge in a practical way on the basis of technical means ensures more active participation of students in the educational process. Receiving and assimilating information, effective organization of two-way communication (between teacher and student, student and student) requires high student activity. The main task of information and communication technologies in the implementation of information and methodical provision in the educational process is to ensure two-way communication. It is impossible to teach without feedback, without constant communication between the teacher and the student. In the effective organization of this process, motivations for learning have a special place. Information and communication technologies, in turn, are one of the most important factors that create motivations. Because the summation of information, visualization, i.e., the availability of various presentation options, the use of animations, and the provision of information suitable for the age and physiological characteristics of the learners, increase students' interest in education and the desire to learn. creates internal driving forces (motives). The content of the work carried out in this regard is to cultivate the motive, to teach how to put it. It is a process that includes making, and it creates wide opportunities for technologyization of education.[2]

In conclusion, I must emphasize that every student's mastery of science, even a little interest in choosing a profession depends on the potential of the teacher and his ability to use technologies and explain to students.

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