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PROFESSIONAL TEACHING IN PHYSICS SIGNIFICANCE

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ABSTRACT

In this paper we have tried to highlight some modern methods of teaching physics, while our theoretical and practical work is aimed at guiding young students to a scientifically based profession presented in the literature, allowing them to develop high-level knowledge and skills. this science. Effective ways to implement educational methods are highlighted.

Keywords: physics, profession, general work, profession, pedagogical, didactic, information, technology, interactive.

INTRODUCTION

Our Honourable President Sh.M.Mirziyoyev's employment of young people, in order to ensure the implementation of PQ-4884 on additional measures to further improve the educational system of November 6, 2020 on the issues of their professional orientation and the implementation of PF-6108 on measures to develop educational and scientific fields in the new development period of Uzbekistan, in order to ensure the implementation of measures established in all secondary education schools domestic service circles are being organized in the regions of the institution. Examples include sewing, hairdressing, etiquette, computer-telephone correction workshop.

As a result of the work that needs to be carried out in the direction of young people to the profession, at the same time from the 2020-2021 school year, starting from the 7th grade, it will be possible to determine exactly what kind of profession they will be, to help them generate knowledge and skills in the chosen profession by 8, 9, It is known that the prosperity, social, political, economic stability of any society depends on the high level of development of the mental and moral potential of its citizens. After all, in the spiritual renewal of our society, in the formation of a socially oriented market economy, the national issue of Personnel Training, the construction of a democratic collective state, which ensures its integration into the world community, plays an important role as a priority criterion.

In order to ensure the implementation of the above-mentioned tasks, we set out the tasks of innovative methods and their effective use in the teaching processes of physical science, organizing classes using modern technologies, focusing on the students so that they have the knowledge and skills of the subject and promoting the formation of the correct opinion on the profession in them.

The science of physics is one of the Pedagogical Sciences and, relying on the results of the main scientific research of its science, illuminates on materials enriched with the work experience of advanced teachers. Ensures that students acquire skills and qualifications in vocational training and preparing them for future practical activities, prepares students for labor activities, socially useful production.

In physical science, psychological readiness for work is brought up on the basis of the correct motives of professional activity, helps in the formation of the qualities of an individual that

are necessary for each conscious worker. Mutual assistance among students fosters qualities such as friendship, brotherhood, generalization, community. In the process of mastering physics, it is important to apply the achievements of pedagogical technology in the productive use of textbooks, educational and methodological manuals, lecture texts, slides and electronic materials or other technical means using a projector, to use modern information technology, to introduce interactive methods, educational tools and educational games into the educational process. The physics teacher must communicate information about the types of professions and labor to students in the course of physics education, linking them to specific topics. A special place among classes, which are held based on the interests of students, is occupied by circles related to specific professions. Such circles are carried out in most cases by teachers of Labor and professional education. These include such circles as technical-creativity, young artists, young technologists, Young Physicists, Microelectronics, nanotechnology.

The teacher has the opportunity to systematically work on the development of students ' abilities in such circles, such as drafting, technical-creativity, inventiveness. The teacher of physics should allocate a special place in his work activity for pedagogical-psychological diagnosis. In the process of pedagogical-psychological diagnosis, the teacher, in cooperation with the school leadership and psychologist, officials of the educational and production institution and vocational schools, must determine the proportion between the chosen profession of each student and his personal qualities. A physics teacher must carry out his career in vocational guidance by embodying the activities of class leaders, science teachers, school leadership and psychologist, parents, neighborhood activists, administration of a vocational school in the area.

Physics room, laboratory and apartment rooms are also of particular importance in the proper orientation of students to the profession. As you know, love for labor and professions is formed in the composition of beliefs, all educational disciplines. This is why physics classes require special attention to interdisciplinary engagement. It is important pedagogical importance to harmonize the activities of the physics teacher regarding the socialization of students by vocational guidance with the work of teachers and class leaders of various educational disciplines in this area. For this:

- make the most of the opportunities of various academic disciplines, science clubs and extracurricular and extracurricular activities;
- achieve socialization by directing students to the profession with the help of technological knowledge, universal knowledge and professional skills;
- to ensure that students complete academic assignments with a high level of social relevance aimed at a particular goal;
- to achieve the formation of the interests of students on the basis of a differentiated approach to various areas of Labor and profession, which are relevant for the life of society;
-to establish cooperation of school teachers, firms, production enterprises, creative teams, vocational schools and diagnostic centers in order to direct students to a worthy profession. As a result of such cooperation, it is possible to carry out the promotion of professions with a high level of social significance among students.

When to start career guidance? - received answers in the following diagram view. 57% of students believe that it is necessary to start implementing vocational guidance from school.

22% of students believe this should start at kindergarten, and 14% believe that the selection phase should start with professional education from a vocational school.

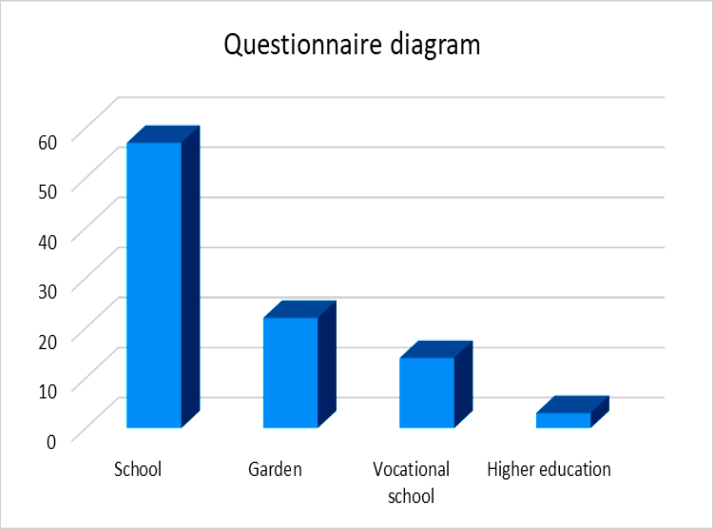

Figure 1. Diagram of a vocational-oriented training survey

Taking into account the fact that the lessons of physics, which are taught in graphic comprehensive schools for professional orientation, are taught in grades 7-11, educational processes are carried out in each period based on the peculiarities of teaching.

For students in grades 7-11, it is mainly based on the formation of professions and qualifications, and in most cases it is advisable to introduce educational technologies aimed at the theoretical and practical study of physics concepts. The most fundamental basis of pedogogical technology is that it depends on the methods chosen so that the teacher and the student can cooperatively achieve a guaranteed result from the set goal.

While maintaining the traditional lesson form, enriching it with different methods that activate the activities of the learners leads to an increase in the level of assimilation of the learners. In practice, they can be duly applied by distinguishing suitable ones for specific purposes. This situation has now caused the problem of choosing interactive learning techniques correctly to pursue specific goals.

This requires a rational organization of the lesson process, constant stimulation of educational activity by the educator, the use of techniques such as mental attack, work in small groups, controversy, problem situation, directing text, Project, role-playing games, and encouraging educators to independently perform practical exercises.

As a conclusion of our work, we can say that the science of physics elevates the mental thinking of a person in connection with other disciplines by increasing the interest of the younger generation in the profession. With the help of scientifically based and known methods from the literature we provide, the reader will be able to interest young people not only in the essence of the content of this science, but also to increase their feelings of love for the profession in them.

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