

## USING AN INTEGRATIVE APPROACH IN PROFESSIONAL DIRECTION OF STUDENTS

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### Annotation:

The article examines issues related to the preparation of students for choosing a profession with the help of the integration of "Natural science and its teaching methodology" with natural-scientific sciences on the basis of professional-pedagogical orientation.

**Key words and phrases:** Vocational orientation, student, integration, career choice, preparation, science.

In the era of rapid development of science and technology and social development, the role of the school, which should prepare the young generation to actively participate in building a free and prosperous society, has increased more than ever. In this regard, it is an important task for the school at all stages of education and upbringing to inculcate solid knowledge of the basics of science in students, to educate them with high consciousness, to form universal morality, to prepare the young generation for marriage and work, to consciously choose socially necessary professions. We consider the content, form, and methods of training students studying in the higher educational institution "Primary Education, Education and Sports" - future primary school teachers based on an integrative approach to career choice.

In higher education institutions, the preparation of students for career selection is carried out on the basis of the principle of professional-pedagogical orientation of education. In the process of studying the subject "Natural science and its teaching methodology" [3], the task of preparing students for career choice is to ask the professor-teacher of the department for each topic and question of the elementary education "The world around us" (1-2- classes), the content, methods and tools of introducing students of junior school age to the content of work, acquired skills and qualifications in connection with the topics and questions of "Science" (grades 3-4) requires giving clear instructions to students.

According to the positive evaluation of the activities of the professors-teachers of the Higher Education Institution on the preparation of the future primary school teachers for the job of choosing a profession, there are such professions engaged in the national economy (professions included in the category of "Man and Nature" among them) their effective work depends on human vision, hearing, color discrimination, smell and taste, breathing, nervous system, musculoskeletal system, etc.

In order to prepare students for the choice of profession to become a component of the educational process of higher educational institutions, professors and teachers of the department regularly study which mass labor professions are needed by the production facilities located in the districts and regions, and the scientific studies provided for in the curriculum - in the process of studying natural, general professional sciences, it is required to introduce future teachers to these professions. In this, each subject teacher analyzes the potential possibility of science to prepare students for the job of choosing a profession based on the polytechnic principle of education. for the purpose of analyzing the topics and questions of the above-mentioned subjects from the point of view of choosing a profession, the content of preparing students for choosing a profession of each natural-scientific, general-professional subject is determined and reflected in the working plan of the subject. As an example, in the table below, we present the plan of the science "Natural science and its teaching methodology". - teachers will have the opportunity to familiarize students with the role and importance of these professions in the development of the national economy, the content of the work, acquired work skills and qualifications during the educational process.

As an example, in the process of studying the topics and questions of the science "Natural science and its teaching methodology", students are taught the importance of mass professions in the fields of agriculture and animal husbandry in the national economy, their role in the prosperous life of our people, We present a career selection plan that describes the content of their work. Timely manifestation of these conditions and taking into account them, in the process of studying the subject "Natural science and its teaching methodology", preparing students for the job of choosing a profession requires integration of the subject and questions of this subject with the subjects of natural sciences. The integration of these disciplines is presented in the table below.

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Fundamentals of natural science	Ecology	Age physiology and hygiene	Human anatomy
Atmosphere. The layer of air that surrounds the Earth	Atmosphere. Sanitation and hygiene of atmospheric pollution...	Age characteristics and hygiene of breathing	The structure of respiratory organs
Hydrosphere. Water, underground water, mineral water	Importance of water for nature and society. Fresh water. Sources and problems of water pollution	Water and mineral salts in child growth and development	The structure of the digestive organs
Plant world Fruits and seeds	Plant resources, their protection.	Plants that do not have a negative effect on the human body	Internal organs. Structure of digestive organs. Structure of the heart
Plant diversity. Vegetation cover	Plant diversity. The role of plants in the recovery of oxygen in the atmosphere	Function of the respiratory system. External and internal breathing	The structure of respiratory organs



Some species of the animal world (Livestock)	The fact that animals are a resource for humans...animal protection	Food hygiene	The structure of digestive organs
Use of algae as food	Prevention of pollution of water resources. Ecological condition of water bodies in Uzbekistan	Food hygiene	The structure of the digestive organs

In conclusion, based on the integration of "Natural science and its teaching methods" with the subjects of "Physiology and hygiene of youth", "Ecology", "Human anatomy", introducing students to agricultural professions in the category of "Man and nature" will help them in the future. provided an opportunity to arm with the essence of agricultural professions and the demands of these professions on the human body, which are very necessary in pedagogical knowledge.

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