

## IMPROVING THE QUALITY OF EDUCATION BASED ON INNOVATIVE TECHNOLOGIES

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**Abstract.** The article scientifically analyzes the importance of innovative technologies in improving the quality of education. As well as working methods based on the general professional and special knowledge acquired in the theoretical process, general familiarization with the products, specific production issues, the latest models of the latest equipment and modern production technology, advanced working methods and methods of organizing agriculture on a scientific basis. Modern information technologies play a great role in the formation of skills and qualifications for training, practical performance of operations.

**Keywords:** innovations, skills formation, modern information technologies, production, equipment, special knowledge.

The national training program, which provides for the development of measures to ensure the connection of science with educational practice through the formation and implementation of targeted innovative projects for the creation and development of advanced pedagogical technologies, is aimed at integrating science into the training process. system.

Innovation is the introduction of a new, advanced innovation, which differs from the usual cases in mass practice, always distinguished by its progressiveness and usefulness. The sources of innovation in the field of education are the needs of the country and society [1, 45-p.].

Teaching methods are changing and becoming more innovative. There is a new approach to the organization of the educational process, new requirements for monitoring and assessing the level of knowledge of students. New requirements for the activities of the teacher and student are increasing.

A new direction of student education is required. They are the following:

- teaching guessing and foresight;
- development of interest in serious (pedagogical) problems, including the search for their difficult alternative solutions;
- learning to make decisions related to determining the content of educational work;
- increase students' interest in the educational material, the problem that requires research or research;
- creation of problematic situations in training.

The teaching technique is an emotionally valuable method. It is based on teaching such students based on passion, understanding, conversational skills: «to give a mark», «to say what you think», «how did you understand» and to treat others with respect.

In general, the quality and effectiveness of pedagogical technology today largely depends on the quality of all types of methods and the necessary means and the ability to use them with high efficiency. The correct and effective use of these tools depends on the skill, creativity and curiosity of the teacher.

It should be noted that the task of updating the education and training system can only be solved by reorganizing existing teaching methods based on pedagogical technology, designing and implementing them in such a way as to guarantee the result of the pedagogical process. at the beginning of the educational work in the classroom, in the classroom, outside the classroom.

At the center of advanced pedagogical technologies is the head of the educational process, as well as the teacher and student, who are the subject and object of this process [2, 56-p.].

Therefore, cooperation, interaction and influence of these two persons should be organized on the basis of the most modern and national requirements, and for this, first of all, the requirements for the educational process of the teacher, the principles and methods of organizing and managing learning, mental and methods

of physical development of the student, cooperation with him, sending him to study, the correct organization of the student's activities, communication with him, eliminating problems and disagreements, creating a creative, working environment in the classroom, with methods for accurately and correctly assessing the activities of students should be armed.

Today, significant changes are taking place in higher education, which cover almost all aspects of the pedagogical process. The student's personal interest is a decisive factor in the educational process. As a teacher, I need to know which aspects of a student's personality can be affected by knowledge of the English language, which innovative technologies to use in the educational process in order to get the planned results. One of the main tasks, I think, is to improve the pedagogical skills of the teacher by mastering modern information technologies for training and education. The concept of «pedagogical technology» can be considered in three aspects: scientific - as a part of pedagogical science, studying and developing the goals, content and methods of teaching and designing pedagogical processes; procedural - as a description (algorithm) of the process, a set of goals, content, methods and means to achieve the planned learning outcomes; activity - the implementation of the technological (pedagogical) process, the functioning of all personal, instrumental and methodological pedagogical means [3. 21 p.].

The concept of «Innovation» comes from the English word «novation», denoting innovation, replacing something new. Moscow Innovation (English innovation - innovation) - change within the system (in - inside); creation and implementation of various types of innovations that generate significant progressive changes in social practice [4, p.34]. Innovative changes are subject to: the very concept of “lesson”, its change in relation to the current situation; lesson typology (new types of lessons are able to transform it into a qualitatively different form, for example, project lessons, immersion lessons); methodological elements of the lesson: meaning, goals, role in general education; methodological structural elements of the lesson: tasks, content, means, forms and methods of teaching, a system of control, evaluation, reflection; a form of preparation and conduct of a lesson by a teacher, for example, with the help of resources and technologies.

There are socio-economic, organizational and managerial, technical and technological innovations. One of the varieties of social innovations is pedagogical innovations. Pedagogical innovation is a pedagogical innovation; a purposeful progressive change that introduces stable elements (innovations) into the educational environment that improves the characteristics of individual parts, components and the educational system itself in the whole (Moscow investments) - new funds, equipment, technologies, capital investments, etc. (extensive path of development). The combination of intensive and extensive paths of development of pedagogical systems allows for the so-called «integrated innovations», which are built at the junction of diverse, multi-level pedagogical subsystems and their components. With this approach, innovation will not look like far-fetched, purely “external” activities, but will become conscious transformations that come from the depth of needs and knowledge of the system. By reinforcing the “bottlenecks” with the latest technologies, it is possible to increase the overall efficiency of the pedagogical system.

Pedagogical innovations, innovations can be pedagogical ideas, processes, means; methods, forms, technologies, content programs, etc. Pedagogical innovations are classified according to various criteria. Moscow Methodology of pedagogical innovation is a system of knowledge and activities related to the foundations and structure of the doctrine of the creation, development and application of pedagogical innovations [5, p.21]. Pedagogical innovation and its methodological apparatus can be an effective means of analyzing, substantiating and designing the modernization of education that is taking place today. The use of information technology in English lessons has the following advantages: increasing student motivation; confidentiality; a high degree of interactivity of learning; individuality of learning; handling large volumes of information; unlimited number of requests to tasks; adaptability, i.e. the possibility of using a set of tools for providing information - text, sound, graphics, animation, video.

Chemistry is a serious and complex subject. In the classroom, students have to memorize a lot, speak, write, read, listen and analyze information, therefore, the teacher should pay special attention to health-saving technologies: changing types of work contributes to the development of mental operations, memory and at the same time students' relaxation; at each lesson in any class, it is necessary to conduct physical education sessions, game breaks (dramatization of dialogues, text passages), visual gymnastics and, of course, emotional unloading during the lesson; creating a positive emotional mood in children in the classroom. In the course of



the study, the formulas of speech etiquette, the most common phrases and the user's thesaurus, necessary for the implementation of an act of communication in PEO situations, were selected; supports have been developed for compiling one's own monologue statement; used authentic text material. The developed methodology can be used in teaching professional monologue speech in a foreign language in technical universities, in creating teaching aids for teaching monologue speech to students of technical specialties, as well as in the course of lectures on the methodology of teaching a foreign language in a non-linguistic university.

A set of exercises for teaching PMR, including exercises for the development of monologue and dialogic skills and oral speech skills, work on extracting information from a scientific text, its compression or expansion, work on explaining and describing illustrative material (diagrams, graphs, tables, diagrams, attached to the scientific text), exercises for mastering the structural and compositional features of compiling a scientific report or message, etc., allows you to optimize the process of forming the skills and abilities of monologue speech in PEO situations [6, pp.34].

The main directions of innovative transformations in pedagogy: the pedagogical system as a whole; educational establishments; pedagogical theory; teacher; learners; pedagogical technology; content; forms, methods, means; control; goals and results. The objects of innovation are the following pedagogical issues: increasing the motivation of teaching and educational activities; ways to increase the amount of material studied in the lesson; how to speed up the pace of learning; how to eliminate wasted time, etc.

Innovative technology is a complex of three interrelated components: modern content, which is transmitted to students, involves not so much the development of subject knowledge, but the development of competencies adequate to modern business practice. This content should be well structured and presented in the form of multimedia educational materials that are transmitted from using modern means of communication; modern teaching methods - active methods of developing competencies based on the interaction of students and their involvement in the learning process, and not just on passive perception of the material; a modern learning infrastructure that includes information, technology, organizational and communication components that allow you to effectively use the benefits.

In conclusion, we can say that innovation processes should be distinguished from a local experiment or the introduction of individual innovations. Innovative activity is characterized by consistency, integrity, integrity.

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