



ANALYSIS AND MANAGEMENT OF STRATEGIC DIRECTIONS FOR THE DEVELOPMENT OF INNOVATIVE PEDAGOGY IN THE TRANSFORMATION OF MODERN EDUCATION

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Annotation. *This article analyzes the main strategic directions for the development of innovative pedagogy, their impact on the educational process and learning outcomes, and also offers recommendations for the practical implementation of these directions in educational practice.*

Key words: *innovations in education, development of pedagogical methods, teaching technologies, creative educational approaches, interdisciplinary interaction, active learning, individualization of the educational process, development of critical thinking, cooperation in education, effectiveness of educational programs.*

Introduction.

In today's world, where change occurs at an incredible pace, education plays a key role in preparing the next generation for the challenges of the future. At the same time, the dynamic development of technology, changes in the sociocultural environment and the needs of modern society require constant updating and improvement of teaching and educational methods. In this context, innovative pedagogy becomes an integral component of modern education.

Education plays a key role in preparing the next generation for the future. However, traditional teaching methods and educational content cannot always meet these challenges. In this context, innovative pedagogy becomes not only relevant, but also necessary. This work is devoted to the study and analysis of the main aspects of innovative pedagogy, including the formation of new educational content, the development and implementation of new teaching technologies, the creation of conditions for individual self-determination in the learning process, changes in the way of activity and style of thinking, as well as the creation and development of creative innovative teams, schools, universities.” One of the key aspects of the development of the educational system is the identification of strategic directions that will effectively adapt to changing conditions and ensure the achievement of global educational goals. In this article, we will focus on analyzing the strategic directions for the development of innovative pedagogy, which play an important role in transforming modern education and achieving student success in an era of change.

Methods.

Development of digital technologies. Integration of modern information and communication technologies into the educational process to improve access to education, adapt educational materials to the individual needs of students and increase the effectiveness of learning.



Application of active and interactive teaching methods. Using methods that activate students and promote their active participation in the learning process, such as problem-based learning, project activities, learning through games, etc.

Formation of interdisciplinary educational programs. Creation of training courses and programs that combine knowledge from various disciplines and areas to provide an integrated approach to student learning and development.

Supporting an innovative research approach. Promoting the development of scientific thinking and research skills of students through the organization of research projects, conferences, seminars and other events.

Professional development of teachers. Providing teachers with opportunities to improve their qualifications and develop professional competencies in the field of innovative pedagogy through education, training, master classes and other forms of professional development.

These methods, taken together, contribute to the transformation of education, making it more adaptive, innovative and effective for the modern needs of students and society as a whole.

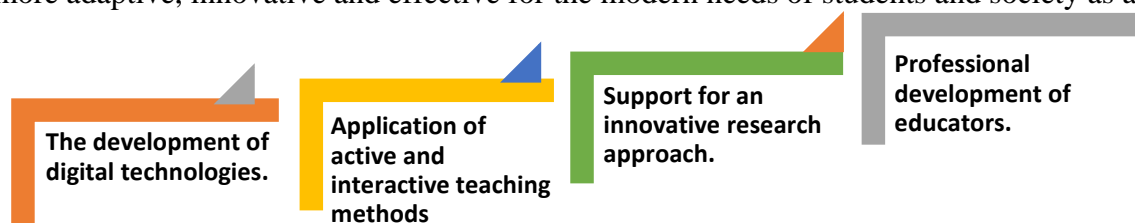


Fig. 1. Methods facilitating the transformation of education

Results.

The purpose of our research is to identify and analyze the main strategic directions for the development of innovative pedagogy, their impact on the educational process and learning outcomes, as well as to develop recommendations for the practical implementation of these directions in educational practice. ¹

Strategic directions	Description
Formation of new educational content	Development and implementation of new curricula and courses that reflect modern requirements and trends in the field of education
Development and implementation of new teaching technologies	Using new pedagogical and technological approaches can help improve the learning process and make it more effective.
Creating conditions for individual self-determination in the learning process	Creating a learning environment that encourages student independence, critical thinking, and creativity.

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Strategic directions	Description
Changes in activity and thinking style	Rethinking the roles of teacher and student in the learning process, as well as applying new approaches to teaching that promote the development of innovative thinking.
Creation and development of creative innovative teams, schools, universities	Creating conditions for cooperation and interaction between students, teachers and administration, as well as stimulating innovative activities at all levels of the educational process.

Discussion.

Formation of new content of education in innovative pedagogy. This means the development and implementation of new curricula and methods that reflect modern requirements and trends in education. This may include updating curriculum, introducing new subjects or topics, and using new teaching approaches that promote critical thinking, creativity, and independent learning skills¹. Let us consider several aspects of the formation of new educational content in innovative pedagogy.

Contextual renewal of programs and curricula: Innovative pedagogy emphasizes the need to adapt curricula to modern demands and challenges. This includes updating teaching materials, incorporating current topics and issues, and incorporating new technologies and teaching methods.

Taking into account the needs of students: individualization and personalization of education are becoming key principles for the formation of new educational content. Given the diversity of student needs and abilities, innovative pedagogy strives to create curricula that take into account the individual characteristics of each student.

Development of key competencies: the new content of education in innovative pedagogy is focused on the development of key competencies necessary for successful adaptation to a changing world. These include critical thinking, communication skills, creativity, digital literacy, collaboration, and others.

Integration of modern technologies: New education content actively uses modern technologies such as interactive whiteboards, online platforms, multimedia resources and others to create interesting and effective educational materials and teaching methods.

Specialization and professional guidance: innovative pedagogy takes into account the needs of the labor market and provides students with the opportunity to acquire knowledge and skills that meet modern professional requirements.

These are just a few aspects of the formation of new educational content in innovative pedagogy. However, each educational institution and educator has its own approach to this issue, and specific methods and strategies may vary depending on the context and goals of the educational institution.

Development and implementation of new learning technologies in innovative pedagogy: This is the process of creating and using new educational technologies to improve the learning process. This may include the use of digital technologies such as interactive software, online courses, virtual and augmented reality, and new methods of assessment and feedback [2].



Providing effective and high-quality learning for students. This process involves creating and implementing innovative methods, tools, and resources that help teachers and students achieve their educational goals. New learning technologies make it possible to personalize the educational process, make it more interactive and accessible, and expand the boundaries of traditional learning. Examples of new learning technologies include the use of interactive whiteboards, online learning platforms, virtual and augmented reality, adaptive learning using artificial intelligence, mobile applications and other innovative solutions. The development and successful implementation of these technologies help improve the efficiency of education and prepare students for the challenges of the modern world.

Creating conditions for individual self-determination in the learning process in innovative pedagogy: This means creating an educational environment that promotes the development of autonomy, independence and responsibility of students. This may include the use of active learning methods such as project-based and problem-based learning, as well as creating opportunities for independent work, exploration and decision-making.

Innovative pedagogy aims to individualize learning, create a stimulating educational environment, support the teacher as a teacher and mentor, develop critical thinking and self-reflection, and support a variety of educational paths and methods.

Creating conditions for individual self-determination in the learning process is one of the important aspects of innovative pedagogy. This approach to education places emphasis on the development of the personality of each student, his self-realization, understanding of his own needs, values and interests.

Individualization of learning: Innovative pedagogy strives to create individualized educational programs and methods that take into account the individual characteristics of each student. This allows students to explore and develop their own interests and abilities while learning.

Creating a stimulating educational environment: An important aspect is the creation of a stimulating educational environment that promotes self-development and self-determination of the individual. This includes creating a comfortable and safe space where students can freely express their thoughts and ideas, and explore new areas of knowledge.

Support and mentoring: In innovative pedagogy, special attention is paid to the role of the teacher as a mentor and mentor. The teacher helps students realize their potential, define their goals and develop strategies to achieve them.

Promoting critical thinking and self-reflection: Self-determination includes the ability to think critically and self-reflectively. Students must learn to analyze information, evaluate their own actions, and make informed decisions.

Supporting Diverse Educational Pathways: Innovative pedagogy is open to various educational paths and approaches. This may include the use of different teaching formats, alternative research methodologies, project work and other methods that allow students to choose their own educational path.

In general, creating conditions for individual self-determination during the learning process in innovative pedagogy contributes to the development of self-awareness, self-esteem and independence of students, which is an important element of their personal growth and successful adaptation in the modern world.

Changes in the way of activity and style of thinking in innovative pedagogy. This means changing the way both students and teachers approach learning and thinking. This may include moving from passively storing information to actively using it, developing critical and creative thinking, and using interdisciplinary and systems approaches to learning [4].



Changes in the way of activity and style of thinking in innovative pedagogy represent a key aspect of modern education. It is aimed at creating a more effective and adaptive educational environment that promotes the development of students' personalities and prepares them for the challenges of the modern world. It is also a shift from traditional teaching methods to more modern and adaptive approaches.

Changes in the way teachers act and the thinking style of students are associated with the transition from traditional teaching methods to more interactive and individualized approaches. This includes the active use of modern educational technologies, the development of critical thinking and creativity, as well as stimulating student independence and initiative.

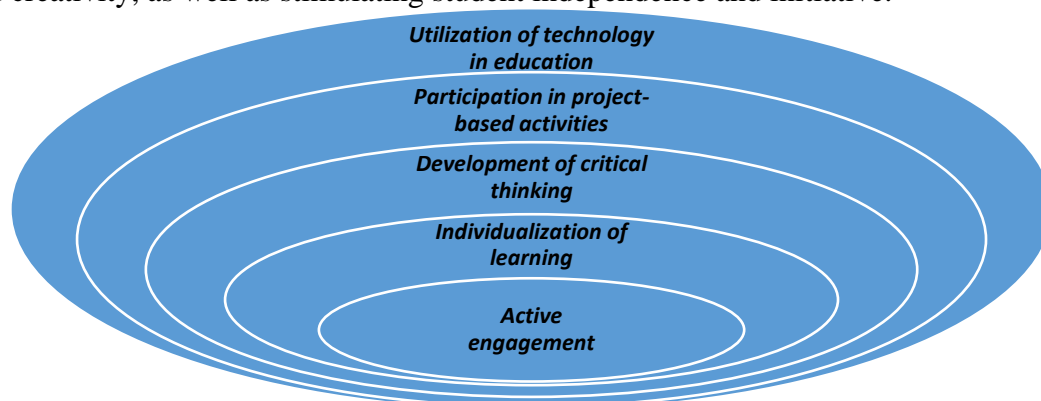


Fig. 2. Transition from traditional teaching methods to more interactive and individualized approaches

Active interaction: In innovative pedagogy, students play an active role in the learning process. Lessons become more interactive, which promotes a deeper understanding of the material and the development of critical thinking.

Individualization of learning: taking into account differences in abilities, interests and pace of learning of students, innovative pedagogy strives to create individualized educational programs and methods. This helps each student reach his or her potential.

Development of critical thinking: Innovative pedagogy aims to develop in students not only knowledge, but also the ability to analyze information, formulate hypotheses and solve problems. This requires active learning activities and encouragement of creative problem solving.

Participation in project activities: project-based teaching methods are becoming increasingly popular in innovative pedagogy. Students learn to work in teams, explore new topics and develop their own projects, which promotes independence and creativity.

Use of technology in education: modern technologies, such as interactive whiteboards, online resources and multimedia materials, are actively used in innovative pedagogy. They make learning more interesting and accessible, and also contribute to the development of students' digital literacy.

These changes have a positive impact on the quality of education and contribute to the development of key student competencies such as critical thinking, communication and independence. They also contribute to more successful adaptation of graduates to modern challenges and labor market requirements.

Creation and development of creative innovative teams, schools, universities in innovative pedagogy. This means creating and maintaining learning communities that encourage innovation, creativity, and collaboration. This may include forming teams to work together on



projects, organizing events to exchange ideas and experiences, and providing opportunities for ongoing professional development for teachers [4].

The creation and development of creative innovative teams, schools and universities in innovative pedagogy is an important aspect of modern education. They contribute to the development and implementation of innovative approaches to teaching and education, stimulate creativity and innovation in the educational environment. Key features of this process include promoting a culture of innovation, interdisciplinary collaboration, integration of modern technologies, support for creative thinking and research activity, fostering an open learning environment, and supporting and evaluating results.

The main characteristics of the creation and development of creative innovative teams in innovative pedagogy include:

1. *Promoting a culture of innovation*: creating an environment that encourages and supports the development and implementation of innovative ideas and approaches in educational practice.

2. *Interdisciplinary interaction*: collaboration between representatives of various disciplines and fields of knowledge to solve complex educational problems and develop innovative educational programs.

3. *Integration of modern technologies*: the use of information technologies to create modern educational tools and methods that promote effective learning and development of students.

4. *Support for creative thinking and research activity*: holding events, master classes, seminars and conferences aimed at developing creative and research skills among teachers and students.

5. *Formation of an open educational environment*: creating conditions for the free exchange of knowledge, experience and ideas between participants in the educational process, as well as with external partners and stakeholders.

6. *Support and evaluation of results*: providing resources and support from education management, as well as assessing the effectiveness of innovative teams through monitoring and evaluating the achievements of their participants.

The creation and development of creative innovative teams in innovative pedagogy contributes to improving the quality of education, developing innovative approaches to training and education, as well as training specialists who can effectively respond to challenges and changes in the modern world.

Such creative innovative teams and educational institutions not only help improve the quality of education and train qualified specialists, but also contribute to the development of the intellectual potential of society and its ability to adapt to the rapidly changing conditions of the modern world.

Conclusions.

Educational management plays a key role in the implementation of strategic directions for the development of innovative pedagogy. It includes identifying priority educational goals and objectives, developing effective strategies for introducing innovation into the educational process, allocating resources to support innovative initiatives, as well as monitoring and evaluating the results of their implementation.

Educational management also includes organizing training and supporting teachers in mastering new teaching methods and technologies, creating a favorable educational environment that promotes innovative development, as well as establishing partnerships with external organizations and stakeholders to exchange experiences and best practices.



Thus, educational management is an integral part of the successful implementation of strategic directions for the development of innovative pedagogy, which are aimed at transforming modern education and ensuring student success in a rapidly changing world

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