



The Importance and Results of Modern Pedagogical Technologies in General Pedagogy

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ABSTRACT:

In this article, opinions and reflections on the importance and results of modern pedagogical technologies in general pedagogy are discussed. In the rapidly advancing landscape of education, modern pedagogical technologies have emerged as powerful tools to enhance teaching and learning experiences. Integrating technology in the classroom not only captivates students' attention but also provides educators with innovative ways to deliver content, facilitate collaboration, and assess student progress. This article delves into the realm of modern pedagogical technologies, exploring their benefits, challenges, and potential impact on education¹.

INTRODUCTION.

Interactive learning platforms have revolutionized traditional classrooms by offering a dynamic and engaging learning environment. These platforms incorporate multimedia elements, such as videos, simulations, and interactive quizzes, to make learning more appealing and effective. Students can access resources online, complete assignments digitally, and participate in virtual discussions, promoting self-directed learning and fostering critical thinking skills².

Virtual and augmented reality technologies have transformed the way students experience educational content. By immersing learners in simulated environments, such as historical events or scientific experiments, these technologies bring subjects to life and enhance experiential learning. Students can explore distant places, ancient civilizations, and complex concepts, enabling a deeper understanding of the material.

Adaptive learning systems leverage artificial intelligence to personalize the learning journey for each student. By analyzing individual progress and performance, these systems tailor content and activities to meet each

student's specific needs and learning pace. This personalized approach empowers students to learn at their own level, boosts confidence, and increases overall retention.

Modern pedagogical technologies emphasize collaboration and teamwork, crucial skills for success in the 21st century. Online collaborative tools, such as cloud-based document editing and virtual white boards, enable students to work together seamlessly, regardless of their physical location. This fosters cross-cultural communication and prepares students for a globalized world.

Gamification applies game design elements and mechanics to educational settings, making learning enjoyable and rewarding. Through game fied learning activities and challenges, students stay motivated and engaged, leading to improved participation and knowledge retention. Gamification also promotes

¹ Jakbarov M. The idea of a perfect person: historical-philosophical analysis. "Ibn Sina". 2012.-132 b.

² Bahrarov SH. Problems of perception of the national identity of the individual. - Samarkand: Zarafshan, 1995. – 136 b.



healthy competition and encourages a growth mindset, where students see mistakes as learning opportunities³. With the advent of modern pedagogical technologies, educational institutions can harness the power of data analytics to gain valuable insights into student performance and engagement. Educators can use this data to identify trends, recognize learning gaps, and adjust instructional strategies accordingly. Data-driven decision-making ensures that teaching methods remain relevant and effective.

LITERATURE ANALYSIS AND METHODS.

While modern pedagogical technologies offer numerous benefits, there are some challenges that educators and institutions must address. These challenges include ensuring equitable access to technology for all students, addressing potential distractions caused by digital devices, and maintaining data privacy and security.

Embracing modern pedagogical technologies has the potential to transform education by making it more engaging, personalized, and effective. By leveraging interactive platforms, virtual reality, adaptive systems, collaborative tools, gamification, and data analytics, educators can create dynamic and inclusive learning environments that prepare students for the challenges of the future. As technology continues to evolve, the integration of these pedagogical technologies will undoubtedly shape the future of education and empower learners to reach their full potential⁴.

Pedagogy, the art and science of teaching, plays a crucial role in shaping young minds and fostering a love for learning. General pedagogy refers to the broad principles and practices that guide educators in designing effective and inclusive teaching methods. A well-grounded understanding of general pedagogy is essential for educators to create engaging and transformative learning experiences for their students. This article explores the key concepts and strategies encompassed in general pedagogy.

At the heart of general pedagogy lies the principle of student-centered learning. This approach emphasizes the

individual needs, interests, and abilities of students. By tailoring lessons to suit their learning styles and preferences, educators can promote active engagement and deeper understanding. Encouraging students to take ownership of their learning journey fosters a sense of responsibility and self-motivation.

General pedagogy encourages educators to move beyond traditional lecture-style teaching and embrace active learning techniques. These methods involve students in the learning process through discussions, problem-solving activities, group work, and hands-on experiences. Active learning promotes critical thinking, collaboration, and enhances the retention of knowledge. In diverse classrooms, differentiation is a vital aspect of general pedagogy. Acknowledging that students have varied learning profiles, educators must adapt their instructional methods and materials to accommodate different learning needs. Differentiation ensures that all students can access the curriculum and achieve their full potential⁵.

Assessment is an integral part of the teaching and learning process. In general pedagogy, assessment is not limited to grading or evaluating students' performance. Instead, it serves as a tool for understanding student progress, identifying strengths and weaknesses, and informing instructional decisions. Assessment for learning fosters a growth mindset and provides valuable feedback for both students and educators.

Cultural diversity is a hallmark of modern classrooms. General pedagogy stresses the importance of culturally responsive teaching, where educators recognize and respect the cultural backgrounds of their students. By integrating diverse perspectives into the curriculum and creating an inclusive learning environment, educators can foster a sense of belonging and enhance the educational experience for all students⁶.

The digital age has transformed the educational landscape, making technology integration a significant aspect of general pedagogy. By incorporating appropriate educational technology tools, educators can enhance instruction, promote active learning, and

³ Abdullaeva SH. A. et al. Pedagogy-Tashkent., A fan publication. 2017.

⁴ Askarova O'. Practical exercises and issues from pedagogy. (Educational-methodological manual for all pedagogical areas of The Bachelor's degree). Tashkent - - Istiqlal-2015.

⁵ Zunnunov A. - "Theory of pedagogy". Educational guide for higher education institutions. - Tashkent, "contact", 2006.

⁶ Zunnunov A., etc. - a teaching aid for higher educational institutions "history of Pedagogy". - Tashkent, "SHarq" Press 2000.



facilitate communication with students and parents. However, it's essential to strike a balance and use technology purposefully to avoid overwhelming students and maintain a healthy learning environment.

General pedagogy serves as a compass for educators, guiding them in their quest to inspire and nurture young minds. By embracing student-centered learning, active teaching methodologies, differentiation, and culturally responsive practices, educators can create dynamic and inclusive classrooms that empower students to become lifelong learners. In the ever-evolving world of education, a deep understanding of general pedagogy remains indispensable in preparing students for success in the 21st century.

In the 21st century, education has witnessed a profound transformation, largely attributed to the integration of modern pedagogical technologies into traditional teaching practices. These technologies have opened up a world of possibilities for educators and learners alike, revolutionizing the landscape of general pedagogy⁷. From interactive learning platforms to virtual reality simulations, modern pedagogical technologies are reshaping the way knowledge is imparted and acquired, leading to more engaging, personalized, and effective educational experiences⁸. **The Importance of Modern Pedagogical Technologies:**

- **Personalized Learning:** One of the key benefits of modern pedagogical technologies is their ability to cater to individual learning styles and pace. Adaptive learning platforms, powered by artificial intelligence, can identify students' strengths and weaknesses, providing tailored content and activities to optimize their learning journey.
- **Engagement and Motivation:** Technology offers a plethora of interactive tools, gamified elements, and multimedia resources that captivate learners' attention and foster their intrinsic motivation. This increased engagement promotes active participation and deeper comprehension of the subject matter.
- **Access to Information and Resources:** The digital age has democratized access to educational resources. With just a few clicks, students can access a vast pool of information, from e-books and online articles to educational videos and virtual libraries, enriching

their learning experiences beyond the confines of the classroom.

- **Collaboration and Communication:** Modern pedagogical technologies facilitate seamless communication and collaboration among students and educators. Virtual classrooms, discussion forums, and collaborative software promote teamwork and knowledge sharing, encouraging the development of critical social skills.

Results of Modern Pedagogical Technologies in General Pedagogy:

- **Enhanced Learning Outcomes:** Studies have shown that integrating technology into teaching practices can lead to improved learning outcomes. The use of multimedia content, interactive quizzes, and simulations allows for deeper understanding and better retention of knowledge.
- **Increased Efficiency in Assessment:** Automated assessment tools and data analytics enable educators to efficiently evaluate student performance and identify areas that need additional attention. Real-time feedback also helps students track their progress and make timely improvements.
- **Inclusive Education:** Modern pedagogical technologies have made education more accessible for students with diverse needs. Assistive technologies, such as screen readers and speech recognition software, aid learners with disabilities, ensuring they can participate fully in the learning process.
- **Lifelong Learning Opportunities:** With the rise of Massive Open Online Courses (online learning platforms), individuals can pursue continuous education and up skill throughout their lives, irrespective of geographical boundaries.
- **Teacher Professional Development:** Technology empowers educators with innovative tools and resources for professional development. Online workshops, webinars, and educational forums enable teachers to stay updated with the latest teaching methodologies and best practices.

Modern pedagogical technologies have revolutionized general pedagogy, empowering educators and learners

⁷ Munavvarov A. K. Under the editorship of "pedagogy". Tashkent. "Teacher".1996.

⁸ Anthology of Pedagogy of Uzbekistan. Compilers: Hoshimov K., Ochil S, - T.: "Uzbekistan", 1999.- 461 b.



with innovative tools and resources⁹. From personalized learning experiences to improved learning outcomes, the integration of technology in education has proven to be a game-changer. As we move further into the 21st century, it is essential for educational institutions and stakeholders to embrace these advancements and harness their potential to create a brighter future for education worldwide.

Pedagogical technologies refer to the various methods, tools, and approaches used in education to enhance teaching and learning experiences¹⁰. Here are some key insights and information about pedagogical technologies:

- **Technology integration:** Pedagogical technologies involve the integration of digital tools and resources into educational practices. This includes the use of computers, tablets, interactive white boards, educational software, online platforms, and multimedia resources to support and enhance teaching and learning.
- **Personalized learning:** Pedagogical technologies enable personalized learning experiences by tailoring instruction to individual student needs and interests. Adaptive learning platforms and intelligent tutoring systems use data and algorithms to provide customized learning pathways and feedback to students.
- **Active learning:** Pedagogical technologies promote active learning by engaging students in hands-on and interactive activities. This can include virtual simulations, game fied learning experiences, collaborative online projects, and interactive multimedia resources that encourage student participation and critical thinking.
- **Blended learning:** Pedagogical technologies facilitate blended learning, which combines traditional face-to-face instruction with online learning components. This approach allows for flexibility, self-paced learning, and the integration of multimedia resources, while still maintaining the benefits of teacher-student interaction.

- **Data-driven instruction:** Pedagogical technologies provide opportunities for data-driven instruction. Learning management systems and educational analytics tools collect and analyze data on student performance, allowing teachers to identify areas of strength and weakness, track progress, and make informed instructional decisions.
- **Accessibility and inclusivity:** Pedagogical technologies have the potential to enhance accessibility and inclusivity in education. Various assistive technologies, such as screen readers, captioning, and adaptive devices, can support students with disabilities, ensuring equal access to educational content and opportunities.
- **Professional development:** Pedagogical technologies also play a role in teacher professional development. Online courses, webinar's, educational blogs, and social media platforms provide opportunities for teachers to expand their knowledge, share best practices, and collaborate with colleagues globally.

It is important for educators to thoughtfully select and integrate pedagogical technologies based on their instructional goals and the specific needs of their students. Effective implementation requires training, ongoing support, and a focus on pedagogical strategies that align with the intended learning outcomes¹¹.

RESULTS.

In recent years, modern pedagogical technologies have reshaped the landscape of education, revolutionizing traditional teaching practices and enhancing the learning experience for students across the globe. From interactive digital platforms to virtual reality simulations, these technologies have brought about a paradigm shift in general pedagogy. In this article, we explore the remarkable results of incorporating modern pedagogical technologies into education, highlighting their impact on student outcomes, engagement, and overall educational quality¹².

Improved Learning Outcomes:

⁹ Kuvatov N, Gaziye E. patriotism is the criteria for assessing her wedding. Public education, 1997, 2nd son,.Pp. 4-9.

¹⁰ Kabusnoma. Ogahi translation.- T.: 1997.-123 b.

¹¹ Family pedagogy / O. Under hasanboyev's General Ed. - T.: Liaison, 2007. - 384 b.

¹² Platy N. Providing information on the personality of the teacher on the basis of national and Universal personnel.: 2000. - 305 b.



One of the most significant results of integrating modern pedagogical technologies in general pedagogy is the improvement in learning outcomes. Interactive multimedia content, adaptive learning algorithms, and data-driven analytics enable educators to deliver personalized learning experiences tailored to individual student needs. As a result, students can progress at their own pace, grasp complex concepts more effectively, and achieve better academic performance.

Enhanced Engagement and Motivation:

Technology has the power to captivate students' attention and foster their intrinsic motivation to learn. Gamification elements, interactive quizzes, and immersive simulations make learning enjoyable and interactive, promoting active participation in the educational process. The heightened engagement leads to a deeper understanding of the subject matter and a desire for continuous exploration of knowledge.

Access to a Vast Array of Educational Resources:

Modern pedagogical technologies have democratized access to educational resources. Through online platforms and digital libraries, students can access a wealth of information, ranging from e-books and research articles to educational videos and interactive learning modules. This easy access to diverse learning materials enriches the educational experience and encourages independent learning beyond the confines of the classroom.

Personalized Learning Experiences:

The advent of artificial intelligence and machine learning has enabled the development of adaptive learning systems. These systems analyze individual learning patterns, strengths, and weaknesses, tailoring educational content and exercises to suit each student's needs. Personalized learning not only boosts students' confidence but also helps them make significant progress in their academic journey.

Facilitating Collaboration and Communication:

Modern pedagogical technologies promote seamless communication and collaboration among students and

educators, breaking down barriers of time and location. Virtual classrooms, video conferencing, and collaborative tools enable students to work together on projects, share ideas, and engage in lively discussions¹³. This enhances teamwork, social skills, and the ability to collaborate effectively in the digital age.

Data-Driven Educational Insights:

Educational technologies generate vast amounts of data on student performance, progress, and engagement. Educators can leverage this data to gain valuable insights into their teaching methods, identifying areas of improvement and refining their instructional strategies. Data-driven decision-making ensures that teaching remains student-centered and continuously evolves to meet students' changing needs.

Inclusive Education for All:

Modern pedagogical technologies have opened doors to inclusive education, catering to students with diverse learning needs and abilities. Assistive technologies, such as screen readers, speech recognition software, and captioning tools, empower learners with disabilities to participate fully in the learning process. This inclusivity fosters a more supportive and equitable learning environment for all students.

The results of incorporating modern pedagogical technologies into general pedagogy are undeniably transformative. From improved learning outcomes and enhanced engagement to personalized learning experiences and inclusive education, these technologies have proven their potential to revolutionize the way we educate future generations. As we embrace these advancements, it is essential to strike a balance between leveraging technology's benefits and maintaining the human touch in education. By doing so, we can continue to nurture a generation of lifelong learners equipped with the skills and knowledge to thrive in an ever-changing world¹⁴.

The psychologist believes that this profession will help young teachers to improve their professional skills by correctly and consciously choosing their future

¹³ Shodmonova SH. The basics of social education pedagogy of children of small school age in the family on the basis of National Personnel: Ped. fan. nom. diss. autoreferati. - T.: 2001. - 19 b.

¹⁴ J responsible for teacher knowledge verification publication. G'.Yoldashev. Developers: J. Fozilov, R. Sultanov, H. Saidov. - T.: East publishing-printing concept, and progress path 2000. - 304 b.



teaching profession. Hence, the teaching profession is also one of the important characteristics of the acquisition of pedagogical techniques, which leads to the fact that teachers perfectly master and develop their professional techniques and feel satisfaction with their professional activities. All this is due to the tireless pedagogical work of teachers. Thanks to the systematic creative training, which is carried out in one rhythm, the actor acquires a high peak. In the embodiment of the image of, it will never be able to get out of a certain mold. So any creativity, even pedagogical creativity, must be formed in a certain fixed mold. It is never possible that it is built on the inner experiences, feelings and emotional reactions of the teacher.

DISCUSSION.

Because, in the art of upbringing, there is a pedagogical technique of the teacher, that is, a culture of labor “in one mold”, which is not at all similar to any other professional activity. Therefore, in our republic, the pursuit of regular knowledge of educational technology, the training of teaching staff and continuous improvement of their skills are aimed at the formation of a culture of education of the teacher in one form, constant improvement of pedagogical technical qualifications. It is worth noting that not yet a teacher has graduated from a higher educational institution, or has suddenly become an experienced teacher who perfectly knows the secrets of pedagogical techniques by taking knowledge in advanced training courses. Pedagogical techniques in the teacher are formed in the process of specifying activities in educational institutions, in the process of one-to-one communication with students, in pedagogical practice¹⁵. Currently, the concept of pedagogical technology is studied in two groups. The components of the first group: are associated with the personal moral qualities and behavior of the teacher and are manifested in the skills of self-control (reflection) in the educational process:

- management of one's own behavior in the educational process, (mimicry, pantomimic's);
- in the educational process, it is necessary to be able to cheer up his own feelings and mood and not succumb to various side effects;

- possession of excellent social perceptual abilities (attention, observation, imagination);
- he is able to know the technique of speech (breathing , voice control , speech tempo) and put in his place.

The components of the second group of pedagogical techniques are associated with the qualifications of the teacher to influence the individual and the team, this group covers the technological side of the educational process:

- didactic, organizational, constructive, communicative abilities of the teacher;
- control over the fulfillment of his requirements, which are laid before him on the basis of a certain plan;
- be able to organize creative activities in the educational institution and in the community of students on which the educational bi-lan depends;
- manage to maintain a balance of the process of pedagogical communication with students.

One of the important features of pedagogical techniques is the professional technical skills and qualifications that are formed in the process of direct communication of the teacher with students. In this, the skills and qualifications of pedagogical techniques are formed in connection with the pedagogical skills of the teacher¹⁶.

Features of developed pedagogical techniques the necessary tone of speech and speech in the process of communicating with students to the teacher, look, quickly and accurately find a gesture, pressure and tranquility in unexpected pedagogical v situations. clear thinking is represented by demonstrating the flexibility of thinking and analyzing the situation quickly. These features of pedagogical techniques take an individual personal form, clearly expressed in the professional skills of the teacher, that is, they compose his personal pedagogical technique on the basis of the psychological and physiological characteristics of the teacher.

The formation of Individual pedagogical techniques depends on the age, gender, client, character, Health, anatomical-physiological characteristics of the teacher. In pedagogy , it is required that the teacher gives in to a deep feeling, that he himself has strict control over his mood swings due to various mental situations in his

¹⁵ Kuranov M. National upbringing. - T.: Spirituality, 2017. - 240 b.

¹⁶ Quranov M. Rahimov J. Family-National upbringing son Public Education: 1998. 34 b.



personal life. This control must be controlled by the teacher himself. The positive results of this process are manifested in the reflexive abilities of the teacher.

Another important feature of pedagogical techniques is the spiritual and aesthetic appearance of the teacher in pedagogical influence vision. This is a feature that is evident to those raised. If the teacher is spiritually impoverished, his speech is disorganized and nailed in communication, his taste is low, and he is rude, unable to control his own emotions, there can be no talk of his education¹⁷.

The ways of mastering the secrets of pedagogical techniques are formed in the process of training and independent pedagogical activity carried out under the guidance of a teacher. In the perfect possession of the secrets of pedagogical technology and its improvement, an important role is played by the fact that professionally the teacher constantly forms himself, that is, in terms of the requirements set before him, the skillful teacher forms his personal qualities and professional qualifications.

The current teacher considers the role of pedagogical techniques in the system of pedagogical skills incomparable. Because he explains to the teacher how he can control his posture, control his emotions (emotions), acquire passion, abilities, speech techniques and apply them in educational activities, in the process of educational and educational activities in addition to reading¹⁸. Therefore, pedagogical technology is such a sum of professional and personal qualifications in the professional activity of the teacher that it has an impact on the pedagogical activity of the teacher, serves as the main guide in the work of organizing and managing the educational process.

The technical skill of advanced and novice teachers is observed in their mimic and pantomimic actions in the course of pedagogical activity, in the characteristics of being able to control their voice. This is evidenced by the fact that teachers are excellent Masters of the art of pedagogical technology, have clearly formulated its skills and abilities in themselves and are able to apply it in various pedagogical situations.

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https://en.m.wikibooks.org/wiki/Wiki_Pedagogy/References.

An important role in the control of the teacher's own actions in front of educational objects is played by the features inherent in the art of acting, namely, mimic and pantomimic abilities. If the actor prepares an image for a certain period and shows it on stage in the same way one or more times, the teacher prepares deeply for the entire academic year, connecting a new topic in each lesson with the topics covered, to convey to the minds of students through modern innovative methods, is forced to conduct pedagogical activity, taking into account the specific pedagogical and psychological. To fulfill such a huge responsibility at a high level, the teacher is required to have high pedagogical technical training¹⁹.

CONCLUSION.

The concept of pedagogical technique is, first of all, professional skills that determine the skill of the teacher, that is, such as his ability to speak literately and expressively, make an impressive statement of his thoughts and knowledge in understandable language, control his feelings, have mimic and pantomimic abilities inherent in his personal characteristics, clear gesture, meaningful vision stimulating or ironic smile, influence the minds and thinking.

Problems such as what skills and competencies the teacher's pedagogical technique consists of, how, through the means of pedagogical technology, the teacher organizes educational and educational activities in educational institutions on the basis of modern requirements, what is important in the educational impact on students have attracted the attention of scientists around the world to this day.

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