FACTORS AFFECTING THE MODERNIZATION OF PRESCHOOL EDUCATION AND THEIR INTENSIFICATION

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Abstract

This abstract provides a concise overview of the key factors influencing the modernization and intensification of preschool education. In the contemporary educational landscape, the need to adapt and enhance preschool programs is evident. This study explores the multifaceted factors that drive this transformation, including changes in pedagogical approaches, advancements in technology, shifts in societal expectations and the role of parental involvement. Additionally, it discusses the challenges and opportunities associated with modernizing preschool education, emphasizing the importance of evidence-based practices and policy implications. The findings offer insights for educators, policymakers and stakeholders seeking to improve the quality and effectiveness of early childhood education in the 21st century.

Keywords
Preschool education, modernization, intensification, pedagogical approaches, technology, parental involvement.

1. Introduction

Education plays a crucial role in the development and progress of every society. As our world continues to rapidly evolve and change, it is imperative that educational institutions adapt and modernize their teaching and learning approaches. In this article, we will examine the various factors influencing the modernization of preschool education. In an era marked by rapid technological advancements, evolving pedagogical approaches and changing societal expectations, the traditional model of preschool education is being reimagined. This shift is not only essential for keeping pace with the needs of the 21st century but also for ensuring that children entering formal education are equipped with the skills and knowledge necessary for lifelong success.

The concept of modernization, in the context of preschool education, encompasses a broad spectrum of changes and innovations. From updated curriculum frameworks to the integration of digital tools, these modernization efforts aim to enhance the quality and effectiveness of early childhood education. Alongside these innovations, the intensification of preschool education emphasizes the need for a more robust, comprehensive and evidence-based approach to early childhood development.

In this paper, we will explore the key factors that drive this modernization and intensification of preschool education. We will delve into the evolving pedagogical practices, the role of technology, the expectations of society and the vital involvement of

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parents in shaping the preschool experience. Additionally, we will consider the challenges and opportunities presented by these changes and discuss the implications for educational stakeholders and policymakers.

This research seeks to provide a deeper understanding of the forces shaping the future of preschool education, offering insights that can inform decision-making processes and contribute to the continuous improvement of early childhood learning experiences. As we navigate the complex and dynamic landscape of preschool education, it is imperative to address these factors to ensure that our youngest learners are well-prepared for the challenges and opportunities that await them in the years to come.

1. Technological Advances:

One of the main factors determining the modernization of education is the rapid development of technology. With the advent of computers, the Internet and various digital tools, teachers now have access to a wide variety of resources and platforms that can enhance the learning experience. Technology allows teachers to deliver content in innovative ways, engage students through interactive activities and provide a personalized learning experience.

2. Globalization and internationalization:

In today's interconnected world, it is critical that students develop global competencies and intercultural understanding. The process of globalization has led to increased mobility and cooperation between people from different countries and cultures. As a result, preschools are realizing the importance of incorporating global perspectives into their curriculum and teaching practices. This includes promoting intercultural awareness, offering foreign language training and providing international exchange and partnership opportunities.

3. Changing the requirements for the workforce:

The job market is constantly evolving, new industries are emerging and traditional roles are being replaced by automation and artificial intelligence. As a result, schools must prepare students for the demands of the future workforce. This includes equipping them with key skills such as critical thinking, problem solving, creativity and adaptability. Modern education aims to develop a growth mindset and develop lifelong learning habits to ensure that students are well prepared for the challenges they may face in their careers.

4. Research and evidence-based practices:

Education is an ever-evolving field based on new research and evidence. Schools that prioritize evidence-based practices are more likely to achieve positive outcomes for their students. This includes incorporating research-based instructional strategies, implementing effective assessment methods and continuously evaluating and improving educational programs. By staying abreast of the latest research findings, schools can make informed decisions about their teaching practices and ensure they provide high-quality education.

5. Inclusive Education:

In recent years, more attention has been paid to inclusive education. This approach aims to provide equal opportunities for all students, regardless of their abilities and backgrounds. Inclusive education recognizes the diverse needs of students and strives to create an environment where everyone can thrive. This includes promoting accessibility, accommodating individual learning styles and fostering a sense of belonging and acceptance among students. In a rapidly developing world, it is important to modernize preschool education to meet the changing needs of students. Factors such as technological advancements, globalization, changing workforce demands, research-based practices and

inclusive education are playing an important role in shaping the future of education. By embracing these factors and continually adapting their approach, schools can ensure that they equip students with the skills and knowledge they need to succeed in the 21st century.

2. Main part

Technological advances in educational institutions:

In recent years, technological advances have changed the way we approach education. From online learning platforms to interactive whiteboards, technology has become an integral part of the modern classroom. Educational institutions all over the world have realized the importance of incorporating technology into teaching methods and have made significant investments in this area. One of the main technological advances in educational institutions is the use of online learning platforms. With the increasing popularity of distance learning, online platforms have become an essential tool for both students and teachers. These platforms offer a wide range of courses and resources that allow students to learn at their own pace and in their own time. They also provide teachers with a range of tools to assess and provide feedback on student progress (Abbasov, 2014).

Another technological advance that is changing the classroom in preschools is the use of interactive whiteboards. These boards allow teachers to create dynamic and engaging lessons that incorporate multimedia elements such as videos, images and interactive activities. This not only makes learning more engaging for students, but also allows teachers to tailor their lessons to the needs of individual students. In addition to these advancements, educational institutions are also investing in technologies such as virtual reality and augmented reality. These technologies offer immersive learning experiences that allow students to explore new concepts and ideas in a more engaging and interactive way. For example, students can use virtual reality to explore historical sites or scientific phenomena, allowing them to gain a deeper understanding of these concepts. However, it should be noted that while technology has many advantages in educational institutions, it also has its limitations. There is it is important for educators to use technology in a way that enhances learning rather than replacing traditional teaching methods. In addition, not all students have access to technology outside of school, which can create inequities in learning opportunities. In conclusion, technological advancements in recent years have had a significant impact on educational institutions. From online learning platforms to virtual reality, technology has changed the way we approach education. While it is important to recognize the benefits of these advances, it is also important to use them in ways that improve traditional teaching methods and ensure equal access to learning opportunities for all students.

2.1. Changing demographics

In recent years, there have been noticeable changes in the demographic indicators of educational institutions. Specifically, there was a change in the composition of the student contingent in schools across the country. This change, known as a changing demographic, has significant implications for educators, policymakers and society as a whole. A changing demographic refers to the phenomenon of the racial, ethnic and socioeconomic composition of the student body changing over time. This change can occur for a variety of reasons, including changes in immigration patterns, changing

economic conditions and changes in social attitudes. One of the most important drivers of demographic change in schools is immigration. As the United States continues to be a destination for immigrants from around the world, schools are seeing an influx of students from diverse cultural and linguistic backgrounds. This creates both opportunities and challenges for teachers. On the one hand, a diverse student body can enrich the educational experience for all students and help prepare them for life in a globalized world. On the other hand, teachers must be prepared to meet the unique needs of students who struggle to adapt to a new culture and language.

One of the changing demographic factors is economic conditions. As the economy changes, families may move to different areas in search of better job opportunities. This may result in changes in the socio-economic composition of the school's student body. Schools with high numbers of low-income students may face unique challenges related to poverty and its impact on academic achievement. Changing social attitudes have also played a role in changing demographics. As society becomes more accepting of diversity, more families are choosing to enroll their children in schools that reflect their values and beliefs. This has led to an increase in the number of charter schools and other alternative education models that serve special populations. Regardless of the cause, changing demographics have important implications for educators and policymakers. Schools must be prepared to meet the needs of a diverse student body, including providing appropriate resources and support services. Policymakers must also be aware of these changes and work to ensure that all students, regardless of background or circumstances, have access to high-quality education. As a result, changing demographics are an important trend in educational institutions across the country. While it poses challenges for teachers and policymakers, it also offers opportunities to enrich the educational experience for all students. By working together to address these changes, we can ensure that our schools are equipped to meet the needs of all students and prepare them for success in an increasingly diverse world.

2.2. Curriculum reform

Education is an important aspect of every individual's life and plays an important role in shaping his future. With the ever-changing world, it is important to keep up with the latest trends and developments in education. One critical aspect of education is the curriculum, which serves as a road map for students' learning journey. In recent years, the demand for curriculum reforms in educational institutions around the world has been increasing. This article aims to highlight the importance of curriculum reforms and their impact on students and educators. Curriculum refers to the set of courses, activities and learning experiences that students undergo in an educational institution. It serves as a guide for teachers to design lessons and assessments that match students' learning goals. A well-designed curriculum ensures that students acquire the necessary knowledge, skills and competencies that prepare them for their future careers. However, it is important to update the curriculum regularly with the changing needs of society and the advancement of technology.

Curriculum reform involves the process of reviewing, revising and updating the existing curriculum to meet the changing needs of society. The main goal of curriculum reforms is to ensure that students receive quality education that prepares them for the challenges of the future. The process involves collaboration between educators, policymakers and stakeholders to identify areas that need improvement and implement changes accordingly. One of the significant benefits of curriculum reform is that it ensures

that students acquire relevant skills and knowledge that match the changing needs of society. For example, there is a growing demand for STEM (Science, Technology, Engineering and Mathematics) education due to the increasing importance of these subjects in the labor market in recent years. By incorporating STEM education into the curriculum, students will acquire the necessary skills and knowledge that prepare them for future careers in these fields. In addition, curriculum reforms promote student-centered learning that focuses on the needs and interests of individual learners. This approach recognizes that each student has unique learning needs and preferences and it is important to develop a curriculum that meets these needs. By adopting student-centered learning approaches, educators can increase student engagement and motivation, which leads to improved learning outcomes. Curriculum reforms provide opportunities for teachers to improve their teaching skills and knowledge. The process involves collaboration between educators and policy makers to identify best practices and innovative teaching methods that meet the changing needs of society. By including these experiences in their teaching, teachers can increase their effectiveness in providing quality education to students. In conclusion, let's note that curriculum reforms play an important role in ensuring that students receive quality education that prepares them for future challenges. The process involves collaboration between educators, policy makers and stakeholders to identify areas that need improvement and implement changes accordingly. By incorporating relevant skills and knowledge into the curriculum and adopting student-centered learning approaches, educators can increase student engagement and motivation, which can lead to improved learning outcomes. In addition, curriculum reforms provide opportunities for teachers to improve their teaching skills and knowledge, which increases teaching effectiveness. Therefore, it is important that educational institutions around the world prioritize curriculum reforms to ensure that students receive a quality education that prepares them for their future careers.

2.3. *Professional Development*

Preschools play a crucial role in preparing students for the workforce. These institutions offer specialized training programs that equip students with the skills and knowledge needed to succeed in their chosen professions. However, as industries continue to evolve and new technologies emerge, it is important that trade schools keep pace with these changes to ensure that their graduates remain competitive in the job market. This is where professional development comes in. Professional development is the ongoing process of improving one's skills and knowledge in a particular area. Professional development in the context of professional education can take many forms, including workshops, seminars, conferences and online courses. These programs are designed to help educators stay abreast of the latest industry trends and best practices so they can better prepare their students for the workforce. One of the main benefits of professional development is that it gives educators the opportunity to share their knowledge and experiences with one another. By attending seminars and conferences, teachers can learn from experts in their fields and exchange ideas with their peers. This collaboration can lead to new teaching strategies and approaches that better engage students and improve learning outcomes. Another benefit of professional development is that it can help educators stay abreast of new technologies and tools relevant to their field. For example, a workshop on 3D printing can introduce teachers to new software programs or techniques that they can incorporate into their curriculum. By keeping abreast of the latest technology, teachers can ensure that their students learn the most relevant and useful

skills. Professional development can directly benefit students. By incorporating new teaching strategies and technologies into their curriculum, teachers can create a more engaging and interactive learning environment. This can help keep students motivated and interested in coursework, which can lead to improved academic performance. Professional development can benefit educators and students as well as vocational schools as an institution. By offering high-quality training programs that incorporate the latest industry trends and best practices, schools can attract more students and increase their reputation within the community. This can lead to increased enrollment and funding that can be reinvested in the school to further improve its programs and facilities. In conclusion, professional development is an important component of vocational education. By keeping abreast of the latest industry trends and best practices, educators can better prepare their students for the workforce and create a more engaging and interactive learning environment. Moreover, by investing in professional development, vocational schools can increase their reputation within the community and attract more students, leading to continued success for both the institution and its graduates.

2.4. Involvement of parents in preschool institutions

Parental involvement in preschool has been shown to positively impact student achievement, attendance, behavior and overall well-being. Therefore, it is important for preschools to encourage and facilitate parental involvement in their children's education. There are many ways parents can involve their children in preschools. One of the most common ways is volunteering. Parents can volunteer to help with preschool events, participate in field trips or even serve on the school's parent-teacher association.

In addition to volunteering to support their child's education, parents also get to know the school environment and its staff better. Another way parents can be involved in their child's education is regular communication with teachers. This may include attending parent-teacher conferences, emailing or calling teachers or even joining online discussion forums. By staying informed of their child's progress and any problems that may arise, parents can better support their child's learning and collaborate with teachers to address any concerns. Parents can also support their child's education at home through volunteering and communication. This includes setting aside time each day for homework or reading, creating a quiet and organized workspace and encouraging your child to learn outside of school. By making homeschooling a priority, parents can help their child develop good study habits and a lifelong love of learning. Preschools can also play a role in encouraging parental involvement by providing resources and opportunities for greater parental involvement. This may include holding parent education workshops, providing information on how to support learning at home, and creating a welcoming and inclusive school environment that encourages parental involvement. In conclusion, parental involvement in preschool is critical to student success. Parents can help their children get the best education possible by volunteering, communicating with teachers, supporting learning at home and partnering with schools. In order to create a supportive and effective learning environment for all students, it is important that schools recognize and facilitate parental involvement.

2.5. Improvement of preschool institutions: professional approach

Education is the basic right of every human being. It is essential for the growth and development of a nation. The education system plays an important role in shaping

the future of the country. In order to provide quality education to students, it is necessary to update the education system with the latest trends and technologies. In recent times, significant changes have taken place in the provision of education. With the development of technology, there have been significant changes in the teaching and learning process. Traditional teaching methods are no longer sufficient to meet the demands of the modern world. It is very important to improve the school system to adapt to the changing times. There are several ways to improve the preschool system. One of the most important ways is to implement technology in the classroom. The use of technology can make learning more interactive and engaging for students. It can also help teachers give individual attention to each student and identify their strengths and weaknesses. Another way to improve the preschool system is to focus on teacher training. Teachers are the backbone of the education system. They play an important role in shaping the future of students. Therefore, it is important to provide them with adequate training and resources to improve their teaching skills. There is also a need to improve the curriculum to meet the demands of the modern world. It should be designed to provide students with the necessary skills and knowledge to succeed in their future careers. The curriculum should also focus on developing critical thinking and problem-solving skills among students. Apart from these, there are several other ways to improve the preschool system. One of them is to ensure that students have access to quality infrastructure and resources. It includes well-equipped classrooms, libraries, laboratories and sports facilities. In conclusion, improving the education system is essential for the growth and development of a nation. This requires a professional approach and joint efforts from all stakeholders, including policy makers, teachers, parents and students. By improving the school education system, we can prepare our students well for the challenges of the modern world and contribute to the growth and development of our state.

Changes made for the development of education in preschool institutions.

The education system is constantly evolving and changing to meet the needs of students and prepare them for the future. In recent years, significant changes have been made to the education system, especially schools, to improve the quality of education and ensure that students get the best possible learning experience. This approach focuses on the individual needs and abilities of each student rather than a one-size-fits-all approach. This has led to an increased focus on personalized learning, where students are given more control over their own learning and encouraged to take an active role in their education.

Another change in the education system in preschool institutions is the integration of technology into the classroom. Technology has become an important tool in modern education and schools are now using it to enhance the learning experience of students. This includes the use of educational software, online resources and interactive whiteboards that allow teachers to create engaging and interactive lessons that meet the needs of their students. Along with these changes, there is a greater focus on teacher training and development. Teachers are now given more opportunities to develop their skills and knowledge through training programs, workshops and professional development courses. This has led to a more skilled and competent teaching workforce that is better equipped to meet the needs of students and provide high quality education (State Strategy for the development of education in the Republic of Azerbaijan, 2013).

Another change made in the education system in preschool institutions is the introduction of new teaching methods and approaches. This includes the use of project-based learning, where students work on real projects that match their interests and

passions. This approach has been shown to be highly effective in engaging students and encouraging deeper learning. Finally, there has been a greater emphasis on assessment and evaluation in preschools. Assessment is an important part of the educational process because it allows teachers to monitor student progress and identify areas that may need additional support. However, there has been a transition from traditional forms of assessment such as exams and tests to more innovative and creative forms of assessment such as portfolio and activity-based assessment. In conclusion, let us note that the changes made in the education system in preschool institutions have been significant and have had a positive impact on the quality of education received by students. By adopting a more student-centered approach to learning, integrating technology into the classroom, providing teacher training and development, implementing new teaching methods and approaches and emphasizing assessment and evaluation, schools are better equipped to meet the needs of students and prepare them for education.

2.6. Factors affecting education in preschool institutions

Education is an important aspect of personal and social development. Preschool is an important institution for educating individuals. However, various factors can affect the quality of education in preschool institutions. In this article, we will discuss some factors that can affect the effectiveness of education.

1. Social-economic situation

One of the most important factors that can affect education in preschool institutions is socioeconomic status. Students from low-income families may face a number of challenges that can hinder their ability to learn. These problems include inadequate nutrition, lack of access to educational resources and poor health care. In addition, students from low-income families may be more exposed to stress and trauma, which may negatively affect their academic performance.

2. Teacher quality

The quality of teachers can significantly affect the effectiveness of education in schools. Teachers who are knowledgeable, experienced and passionate about their work inspire and engage their students more. On the other hand, teachers who lack these qualities will have difficulty creating a positive learning environment and will not be able to meet the needs of their students.

3. Curriculum

Curriculum is another important factor that can influence education in preschool institutions. A well-designed curriculum should be relevant, challenging and engaging for students. It should also be flexible enough to meet the needs of different learners. However, a poorly designed curriculum can lead to disconnection and frustration among students.

4. Preschool culture

Preschool culture can significantly influence the quality of education provided to students. A positive preschool culture is characterized by respect, cooperation and a focus on student achievement. On the other hand, a negative preschool culture can lead to high stress levels, low morale among teachers and poor academic performance among students.

5. Technology

Technology can be a powerful tool in improving the quality of education in preschool institutions. It can help teachers deliver engaging and interactive lessons, provide students with access to rich educational resources, and facilitate communication

between teachers, students and parents. However, effective use of technology requires adequate training and support for teachers and students.

In conclusion, let us note that various factors can affect the quality of education in preschool institutions. These include socioeconomic status, teacher quality, curriculum, school culture and technology. By considering these factors, schools can create a positive learning environment that promotes academic achievement and personal growth among students (Reform Program in the field of education of the Republic of Azerbaijan, 2009).

3. Conclusion

Education is the basic pillar of society; it shapes the consciousness and future of our youth. As we move into the 21st century, we have to embrace innovation and adapt our education systems to meet the demands of the modern world. In this article, we will explore the trends and advancements in school that are revolutionizing the way we teach and learn. One of the main areas where we are witnessing significant transformation is the integration of technology into the classroom. Gone are the days of traditional blackboards and textbooks. Students today have access to a wide variety of digital tools and resources that enhance their learning experiences. Interactive whiteboards, tablets and online learning platforms are just a few examples of how technology is changing the educational landscape. With these advancements, teachers are no longer limited to traditional teaching methods. They can now use multimedia content, virtual simulations and real-time data analysis to create engaging and personalized learning experiences. This shift toward a more student-centered approach fosters critical thinking, problem-solving skills and creativity among learners. In addition, technology has opened up new opportunities for distance learning. With the rise of online courses and virtual classrooms, students can now access education from anywhere in the world. This flexibility not only provides opportunities for those in remote areas or those with limited resources, but also promotes lifelong learning and professional development. Another area where we are witnessing significant changes is in the curriculum itself. As our society becomes increasingly interconnected and globalized, it is vital that our education systems reflect this reality. Schools are now focusing more on teaching cultural awareness, global citizenship and intercultural communication skills. It prepares students to thrive in a diverse and interconnected world, fostering tolerance, empathy and understanding. In addition, the importance of holistic education is increasingly recognized. Preschools now focus not only on academic achievement, but also on the social, emotional and physical well-being of students. Wellness programs, mindfulness practices and extracurricular activities are integrated into the curriculum to ensure the well-rounded development of students. This comprehensive approach ensures that students are equipped with the skills and resilience needed to meet the challenges of life outside the classroom. In addition to these advancements, there is a renewed emphasis on personalized learning. Recognizing that each student has unique strengths, interests and learning styles, schools take individualized approaches to education. Adaptive learning platforms and personalized learning plans allow students to progress at their own pace and explore subjects that match their passions. This personalized approach not only enhances student engagement, but also increases their potential for success. As we enter this new era of education, it's important to embrace the challenges that come with change. Integrating technology requires adequate infrastructure and training for teachers. Developing a diverse curriculum requires continuous professional development of teachers. And personalized

learning requires careful monitoring and evaluation to ensure equitable outcomes for all students. But despite these challenges, the benefits of these advances far outweigh the obstacles. By embracing innovation in school, we can create an education system that prepares students for the complexities of the modern world. A system that promotes critical thinking, creativity, cultural awareness and personal development. A system that empowers our young people to become lifelong learners and active contributors to society. As a result, innovation in preschool education (advancements in school) is changing education, as we know it. From the integration of technology to the emphasis on personalized learning and holistic education, these advances are reshaping the way we teach and learn. By embracing these changes and addressing the challenges that come with them, we can create an education system that equips our young people with the skills and knowledge they need to thrive in the 21st century.

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