



NEW TECHNOLOGIES FOR IMPROVING SOCIAL INTEGRATION OF CHILDREN WITH DISABILITIES THROUGH THE INCLUSIVE EDUCATION SYSTEM

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Abstract

This article provides a comprehensive analysis of modern technologies, innovative pedagogical approaches, and practical mechanisms for optimizing the social integration of children with disabilities within the inclusive education framework. The study highlights the significance of digital technologies, media tools, interactive methods, and adaptive learning platforms in fostering social adaptation, developing communicative competencies, ensuring independence readiness, and facilitating active societal participation among children with special educational needs. Furthermore, the paper provides a scientifically grounded evaluation of the efficacy of pedagogical cooperation, correctional-pedagogical activities, psychological support, and the strategic deployment of innovative technologies in inclusive settings.

The empirical findings demonstrate that integrating modern technologies into the inclusive education system significantly enhances the communicative activity of children with disabilities, mitigates social adaptation barriers, and increases overall educational efficiency. This research holds substantial scientific and practical value for researchers, educators, and practitioners operating in the fields of special education, inclusive learning, and correctional pedagogy.

Keywords: Inclusive education, innovative technologies, social integration, special pedagogy, adaptive technologies, communicative competence, digital education, correctional pedagogy, interactive methods.



Introduction

IMKONIYATI CHEKLANGAN BOLALARNI INKLYUZIV TA'LIM TIZIMI ORQALI IJTIMOY INTEGRATSIYASINI TAKOMILLASHTIRISHNING YANGICHA TEXNOLOGIYALARI

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Annotatsiya

Mazkur maqolada imkoniyati cheklangan bolalarni inklyuziv ta'lim tizimi orqali ijtimoiy integratsiyasini takomillashtirishning zamonaviy texnologiyalari, innovatsion pedagogik yondashuvlari hamda amaliy mexanizmlari keng tahlil qilingan. Tadqiqot davomida imkoniyati cheklangan bolalarning ijtimoiy moslashuvi, kommunikativ kompetensiyalarini rivojlantirish, mustaqil hayotga tayyorlash va jamiyat hayotida faol ishtirok etishini ta'minlashda raqamli texnologiyalar, media vositalar, interaktiv metodlar hamda adaptiv ta'lim platformalarining ahamiyati yoritilgan. Shuningdek, maqolada inklyuziv ta'lim tizimida pedagogik hamkorlik, korreksion-pedagogik faoliyat, psixologik qo'llab-quvvatlash hamda innovatsion texnologiyalarni qo'llashning samaradorligi ilmiy asoslangan.

Tadqiqot natijalari shuni ko'rsatadiki, inklyuziv ta'lim tizimida zamonaviy texnologiyalardan foydalanish imkoniyati cheklangan bolalarning kommunikativ faolligini oshiradi, ijtimoiy moslashuvini yengillashtiradi va ta'lim samaradorligini kuchaytiradi. Mazkur maqola maxsus pedagogika, inklyuziv ta'lim va korreksion pedagogika sohasida faoliyat olib borayotgan tadqiqotchilar, pedagoglar va amaliyotchi mutaxassislar uchun ilmiy-amaliy ahamiyatga ega.

Kalit so'zlar: inklyuziv ta'lim, innovatsion texnologiyalar, ijtimoiy integratsiya, maxsus pedagogika, adaptiv texnologiyalar, kommunikativ kompetensiya, raqamli ta'lim, korreksion pedagogika, interaktiv metodlar.

Аннотация:

В данной статье представлен всесторонний анализ современных технологий, инновационных педагогических подходов и практических

механизмов совершенствования социальной интеграции детей с ограниченными возможностями здоровья (ОВЗ) в системе инклюзивного образования. В ходе исследования освещается значимость цифровых технологий, медиасредств, интерактивных методов и адаптивных платформ обучения в процессе социальной адаптации, развития коммуникативных компетенций, подготовки к самостоятельной жизни и обеспечения активного участия детей с особыми образовательными потребностями в жизни общества. Также в работе научно обоснована эффективность педагогического сотрудничества, коррекционно-педагогической деятельности, психологической поддержки и применения инновационных технологий в инклюзивной среде.

Результаты исследования показывают, что использование современных технологий в системе инклюзивного образования существенно повышает коммуникативную активность детей с ОВЗ, облегчает их социальную адаптацию и повышает общую эффективность обучения. Данная статья имеет важное научно-практическое значение для исследователей, педагогов и практикующих специалистов, работающих в области специального образования, инклюзивного обучения и коррекционной педагогики.

Ключевые слова: инклюзивное образование, инновационные технологии, социальная интеграция, специальная педагогика, адаптивные технологии, коммуникативная компетенция, цифровое образование, коррекционная педагогика, интерактивные методы.

In today's era of globalization, modernizing the education system and creating equal opportunities for all children is one of the important tasks. In particular, ensuring that children with disabilities receive quality education, actively participate in society, and prepare for independent life is one of the priorities of modern pedagogy. In this regard, the inclusive education system is recognized as an effective means of integrating children with disabilities into society.

Inclusive education allows all children to receive education in the same educational environment, taking into account their individual capabilities and needs. This system ensures that children with disabilities can study, communicate, and participate in group activities with their able-bodied peers. As a result,



children develop social adaptation, communicative competence, and independent thinking skills.

In recent years, the development of information and communication technologies has created new opportunities in the inclusive education system. Digital platforms, multimedia tools, virtual laboratories, artificial intelligence elements and adaptive educational technologies significantly facilitate the learning process of children with disabilities. In particular, special electronic programs created for children with hearing, vision or movement impairments serve to develop their learning and social activities.

One of the new technologies used in the inclusive education system is adaptive educational technologies. These technologies help to organize the educational process in accordance with the individual capabilities and needs of each child. Adaptive programs provide individual tasks taking into account the child's level of knowledge, interests and psychophysiological characteristics. This increases the child's interest in learning activities and increases the effectiveness of mastering.

Media technologies are also an important tool in developing the social integration of children with disabilities. Subtitled video lessons, audio books, sign language translation programs and braille technologies expand children's educational opportunities. At the same time, multimedia tools help develop the child's visual and auditory perception and effectively assimilate educational materials.

Today, educational technologies based on artificial intelligence elements are also being introduced into the inclusive education process. Programs based on artificial intelligence allow monitoring the child's educational activities, identifying the dynamics of individual development and developing appropriate recommendations. Voice assistant programs and speech recognition technologies are especially effective when working with children with speech impairments.

Interactive methods are important in increasing the social activity of children with disabilities. Role-playing games, trainings, group exercises, "brainstorming", "cluster", "debate" and other innovative methods develop children's teamwork skills. Through such methods, children learn to freely express their opinions, cooperate with others and enter into social relationships.

Distance learning technologies are also an important factor in the development of social integration of children with disabilities. Especially for children with physical disabilities, online educational platforms create great convenience.



Through virtual classes, children not only receive knowledge, but also have the opportunity to communicate with their peers. This serves to develop their communicative competencies.

The innovative competence of educators is also important in improving the social integration of children with disabilities. The educator must have the skills to work with modern technologies, be able to effectively use interactive methods, and be able to take an individual approach to each child. At the same time, it is necessary to regularly organize advanced training courses on inclusive education for educators.

The cooperation of the family and the educational institution plays an important role in the socialization of children with disabilities. Increasing the pedagogical literacy of parents, introducing them to innovative technologies, and actively involving them in the educational process have a positive effect on the development of the child.

Psychological support technologies are also an important component of the inclusive education system. Psychological training, motivational exercises and art therapy methods improve the emotional state of children, increase their self-confidence and facilitate their adaptation to society.

International experience shows that the use of innovative technologies in the inclusive education system significantly improves the social integration of children with disabilities. In developed countries, educational opportunities for children with special needs are being expanded through e-learning platforms, virtual reality technologies and adaptive programs.

Today, the use of virtual reality technologies is also one of the relevant directions in inclusive education. Through the virtual environment, children learn to model various life situations, develop communication skills and make independent decisions. This has a positive effect on their social adaptation.

Pedagogical observations show that in an inclusive educational environment organized on the basis of innovative technologies, the motivation to learn, social activity and communicative competence of children with disabilities significantly increase. At the same time, healthy peers also develop tolerance, humanity and cooperation skills.

In conclusion, the use of innovative technologies in improving the social integration of children with disabilities through the inclusive education system is one of the important areas of modern pedagogy. Modern technologies expand the



child's educational opportunities, develop communicative competencies and facilitate his adaptation to society. Therefore, the widespread introduction of innovative pedagogical technologies in the inclusive education system, the development of digital competencies of teachers and the creation of an adaptive educational environment are among the urgent tasks.

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