

Through Playful Learning Strategies The integration of gamification in education has emerged as a promising strategy to enhance engagement and motivation among learners, particularly in preschool education where foundational skills and attitudes are formed. This playful approach aligns well with the needs of young learners, offering a dynamic and interactive platform for skill development. As educational institutions increasingly recognize the value of playful learning, it becomes crucial to explore its potential in cultivating leadership competence from an early age, thereby laying the groundwork for effective leadership training at the university level. This study aims to investigate the effectiveness of gamification in transforming engagement and motivation through playful learning strategies, specifically focusing on its role in fostering leadership competence in preschool education. By examining various gamified approaches, the research seeks to identify key strategies that can be incorporated into educational curricula to nurture leadership skills. A mixed-methods approach is proposed, combining quantitative surveys and qualitative interviews with preschool educators and students. The study will analyze existing gamified educational programs, assessing their impact on leadership competence through targeted evaluations. Additionally, case studies of successful implementations will be examined to extract best practices and lessons learned. The expected outcomes will highlight the positive correlation between gamification and leadership competence formation, showcasing how playful learning strategies can enhance skills such as decision-making, teamwork, and communication. The findings will underscore the importance of incorporating gamified elements into educational practices to foster a more engaging and motivating learning environment conducive to leadership development. The implications of this research emphasize the need for educational institutions to adopt gamification as a strategy for enhancing leadership competence in preschool education. By integrating playful learning approaches, educators can create a supportive and stimulating environment that nurtures leadership skills from an early age. Future research should focus on refining these strategies and exploring their long-term impact on leadership development throughout the educational journey, from preschool to university-level training.

Lin Zhicai,

2nd year of master's degree student in 011 Educational, pedagogical sciences,
educational-professional program «Management of educational institutions»,

West Ukrainian National University

Scientific adviser – Nataliia Livitska,

PhD in Philological Science,

senior lecturer of the Department of Educology and Pedagogy,

West Ukrainian National University

COMPUTERIZATION OF EDUCATIONAL INSTITUTIONS: A MANAGEMENT PERSPECTIVE ON NAVIGATING DIGITAL TRANSFORMATION

With the rapid development of information technology, the digital transformation of the education sector has become an important issue facing global

educational institutions. This study aims to explore from a management perspective how educational institutions can effectively promote computerization to achieve comprehensive optimization of teaching, management, and services. Through the analysis of multiple successful cases at home and abroad, this article summarizes the key aspects that educational institutions should pay attention to in the process of digital transformation, such as strategic planning, infrastructure construction, professional development, data management and privacy protection, student centeredness, financial sustainability, and continuous evaluation and adaptation. Strategic planning is the foundation of digital transformation.

Firstly, institutions need to establish a clear vision and goals, clarify the purpose and expected outcomes of digital transformation. Secondly, solicit the opinions of stakeholders extensively to ensure that the voices of all groups are heard, thereby forming consensus and support. Evaluating existing IT systems and identifying technological shortcomings is a prerequisite for promoting digital transformation. Meanwhile, investing in advanced learning management systems, cloud computing platforms, and other technologies can significantly improve the quality of education and service efficiency. Providing continuous professional training and technical support to help teachers and staff master the application methods of new technologies is key to achieving digital transformation.

In addition, encouraging an innovative culture and stimulating teachers' enthusiasm to use technology to improve teaching methods. Ensuring data security and complying with relevant laws and regulations, such as the General Data Protection Regulation (GDPR) and the Family Education Rights and Privacy Act (FERPA), are important measures to safeguard the rights and interests of teachers and students. Through data analysis, it can provide a basis for decision-making and promote the continuous improvement of education quality. Ensure the accessibility and inclusiveness of digital resources and platforms to meet the needs of students from different backgrounds. Creating interactive, personalized, and attractive learning experiences through technological means can help enhance students' interest and effectiveness in learning. Conduct cost-benefit analysis to ensure the rationality and long-term value of technology investment. Explore diversified funding sources, such as government funding and corporate partnerships, to ensure the smooth implementation of digital transformation projects. Establish an effective feedback mechanism, regularly collect and analyze opinions from all parties, and adjust and improve digital transformation strategies in a timely manner. Through pilot projects, gradually promote successful experiences and practices to ensure the steady progress of digital transformation.

In summary, the digital transformation of educational institutions is a systematic project that requires comprehensive consideration of multiple factors. Through scientific planning, careful implementation, and continuous improvement, education modernization can be effectively promoted, and the quality and management level of education can be improved.

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Lin Zhicai,

2nd year of master's degree student in
011 Educational, pedagogical sciences,
educational-professional program
«Management of educational institutions»
West Ukrainian National University

Nataliia Livitska,

PhD in Philological Science,
senior lecturer of the Department of Educology and Pedagogy,
West Ukrainian National University

THE CURRENT STATE OF DIGITIZATION IN HIGHER EDUCATION

This research examines the ways in which higher education institutions can effectively promote computerisation in order to achieve holistic optimisation of academic processes, administrative procedures and the provision of services. By examining a number of successful cases from both national and international contexts, our study aims to identify the key considerations that higher education institutions should prioritise during the digital transformation process. It is our position that in terms of digitalization following factors warrant sufficient attention: strategic planning of institution, infrastructure development, professional growth, data management and privacy protection, student centeredness, continuous assessment and teaching-technical adaptation.

At the present time, considerable advancement has been achieved in the implementation of digital transformation in higher education. This encompasses the utilization of digital instruments and platforms, the modification of pedagogical approaches, and the reorganization of administrative procedures. In terms of this our study provides a modern overview of the current status of digitalization in higher education, including major trends, challenges, and opportunities.

At the current stage of education development key trends include the widespread adoption and integration of Learning Management Systems (LMS), as well as advanced features such as adaptive learning, analytics, and mobile access provided by modern LMS platforms. We have seen a significant increase in the number of online and blended courses, especially during the COVID-19 pandemic when institutions have rapidly shifted towards distance learning, ensuring the quality and certification of online courses has become a key focus.

Besides these the use of Open Educational Resources (OER) is becoming increasingly common, reducing students' financial problem. Various educational