

Summary

Contemporary education faces numerous challenges arising from dynamic social, cultural, and technological changes. Technological evolution sets new directions in education, necessitating the adaptation of teaching methods and tools to modern realities. In this context, the implementation of advanced technologies, such as the multimedia textbook Multibook, can significantly support the process of learning to read and write.

The theoretical foundations of modern education, including constructivism, connectivism, and cognitivism, form the basis for understanding the role of technology in the learning process. The application of Multibook in light of these theories may promote more effective knowledge acquisition by stimulating active student participation in the learning process. Its innovative, multisensory approach makes education more interactive and engaging for students, contributing to more effective language learning.

A key issue in initial reading and writing education is understanding the stages of the process and choosing appropriate teaching methods. Consequently, it was appropriate to conduct research on the effectiveness of using the multimedia textbook Multibook in elementary education. This dissertation focuses on the initial learning of reading and writing. The main goal of the empirical research, both quantitative and qualitative, was to evaluate the impact of using the multimedia textbook Multibook on the development of reading and writing skills in first-grade primary school students.

The research was conducted using the natural pedagogical experiment method, employing the Solomon technique, over a period of 10 months. Additionally, the goal was to gather early childhood education teachers' opinions on the effectiveness of using the multimedia textbook Multibook in teaching reading and writing, as well as to examine their educational needs and access to methodological resources. The research provided answers to the main research question: How does the use of the multimedia textbook Multibook affect the development of reading and writing skills in first-grade primary school students? Moreover, eight specific questions were formulated. The research confirmed that the use of the multimedia textbook Multibook significantly enhances the reading and writing skills of first-grade primary school students. The findings allowed for the development of an original methodological concept, "The 3M Method" using the multimedia textbook Multibook in the initial learning of reading and writing for first-grade primary school students, which was the practical goal of this research.

The conclusions of the study clearly highlight the significant role of Multibook as a versatile tool supporting the teaching process and its positive impact on the effectiveness of reading and writing instruction in primary schools. By utilizing modern technologies like Multibook, education becomes more attractive and tailored to the needs of contemporary students, opening up new educational and developmental opportunities. The use of Multibook in the initial learning process of reading and writing creates promising prospects. Multibook not only serves as an educational tool but also symbolizes a modern approach to teaching, which can contribute to raising educational standards, inspiring further development, and improving the teaching process.