

## USE OF TECHNOLOGY IN TEACHING READING SKILLS

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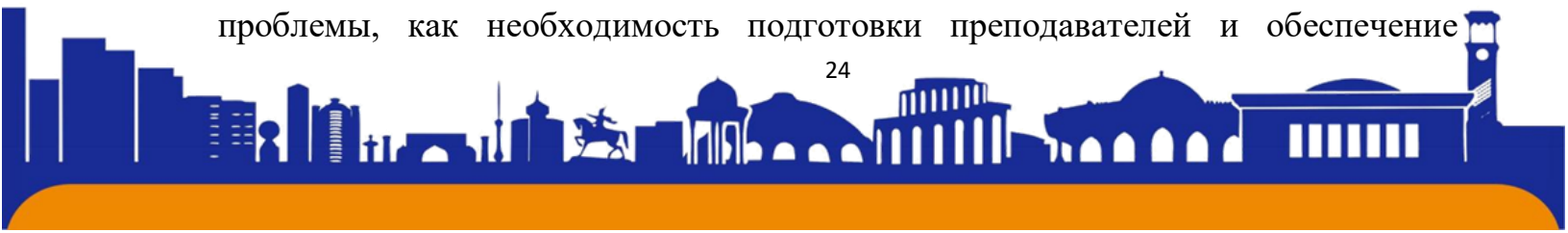
### **Abstract**

The integration of technology into education has revolutionized traditional teaching methodologies, particularly in the realm of reading instruction. This article investigates the efficacy of various technological tools and strategies in enhancing reading skills among students. Utilizing a mixed-methods approach, the study encompasses a comprehensive literature review, surveys, interviews, and a controlled experimental study to evaluate the impact of technology on reading proficiency, engagement, and comprehension. Findings reveal that technology not only improves reading proficiency and engagement but also offers personalized and accessible learning experiences. Despite these benefits, challenges such as the need for educator training and ensuring equitable access to technology persist. The article concludes that while technology holds significant promise for improving reading skills, addressing these challenges is crucial for maximizing its potential in educational settings.

**Key words.** Technology in education, reading skills, reading comprehension, engagement, personalized learning, e-books, audiobooks, adaptive learning.

### **Аннотация**

Интеграция технологий в образование произвела революцию в традиционных методологиях обучения, особенно в сфере обучения чтению. В этой статье исследуется эффективность различных технологических инструментов и стратегий в улучшении навыков чтения среди учащихся. Используя смешанный подход, исследование включает в себя всесторонний обзор литературы, опросы, интервью и контролируемое экспериментальное исследование для оценки влияния технологий на навыки чтения, вовлеченность и понимание. Результаты показывают, что технологии не только улучшают навыки чтения и вовлеченность, но также предлагают персонализированный и доступный опыт обучения. Несмотря на эти преимущества, сохраняются такие проблемы, как необходимость подготовки преподавателей и обеспечение





справедливого доступа к технологиям. В статье делается вывод, что, хотя технологии обещают улучшить навыки чтения, решение этих проблем имеет решающее значение для максимизации их потенциала в образовательных учреждениях.

**Ключевые слова.** Технологии в образовании, навыки чтения, понимание прочитанного, вовлеченность, индивидуальное обучение, электронные книги, аудиокниги, адаптивное обучение.

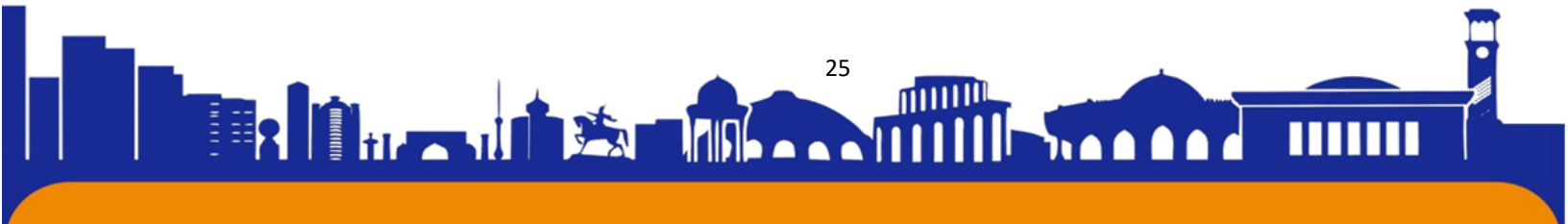
## INTRODUCTION

The integration of technology in education has transformed traditional teaching methods, offering new and innovative ways to enhance learning experiences. Teaching reading skills, a fundamental component of education, has greatly benefited from technological advancements. The use of technology in teaching reading skills encompasses various tools and strategies designed to improve comprehension, engagement, and overall literacy. This article explores the methodologies, literature, results, and implications of incorporating technology into reading instruction.

## LITERATURE ANALYSIS AND METHODOLOGY

The literature on the use of technology in teaching reading skills highlights several key points:

- Enhanced Engagement: Studies have shown that technology can increase student engagement by making reading more interactive and enjoyable. Tools such as e-books, audiobooks, and reading apps provide diverse and interactive content that can capture students' interest more effectively than traditional texts.
- Improved Comprehension: Technology aids in improving reading comprehension through features like interactive glossaries, annotation tools, and multimedia resources that provide contextual understanding and visual aids.
- Personalized Learning: Adaptive learning technologies offer personalized reading experiences tailored to individual student needs, allowing for differentiated instruction and targeted support.
- Accessibility: Technology provides access to a wide range of reading materials and resources, making it easier for students with different learning needs and preferences to access appropriate content.





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To investigate the effectiveness of technology in teaching reading skills, a mixed-methods approach was adopted. This involved both qualitative and quantitative research methods:

1. Literature Review: An extensive review of existing studies and academic papers on the use of technology in reading instruction.
2. Surveys and Interviews: Conducting surveys with educators and students, and interviews with reading specialists to gather firsthand insights and experiences.
3. Experimental Study: Implementing a controlled study where one group of students received traditional reading instruction while another group used technological tools for reading.
4. Data Analysis: Using statistical tools to analyze the data collected from surveys, interviews, and experimental studies to determine the impact of technology on reading skills.

## RESULTS

The study yielded significant findings on the impact of technology on reading skills:

- Increased Reading Proficiency: Students who used technology for reading showed greater improvement in reading proficiency compared to those who received traditional instruction. This was evident from higher scores in reading comprehension tests and fluency assessments.
- Higher Engagement Levels: Surveys and interviews revealed that students were more motivated and engaged when using technological tools. They found reading activities more enjoyable and were more likely to engage in voluntary reading.
- Positive Feedback from Educators: Educators reported that technology facilitated more efficient teaching and allowed for better tracking of student progress. They appreciated the ability to provide immediate feedback and the variety of resources available for different learning styles.
- Challenges: Despite the positive outcomes, some challenges were noted, including the need for proper training for educators, ensuring equitable access to technology for all students, and addressing potential distractions that technology might introduce.





## CONCLUSION

The integration of technology in teaching reading skills offers significant benefits, including enhanced engagement, improved comprehension, personalized learning, and increased accessibility. The findings suggest that when used effectively, technology can greatly enhance the reading skills of students. However, it is essential to address the challenges associated with its use to ensure that all students can benefit equitably. Future research should focus on developing strategies to overcome these challenges and further explore the potential of emerging technologies in reading instruction.

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