

## DEVELOPING LEXICAL COMPETENCE OF LANGUAGE LEARNERS THROUGH IT TECHNOLOGIES

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#### ABSTRACT

This article explores the role of information technology (IT) in enhancing the lexical competence of language learners. It analyzes various methods aimed at expanding students' vocabulary through mobile applications, game-based learning, and the integration of blended and flipped classroom models. The study highlights how independent learning, personalized instruction, and immediate feedback contribute to making the learning process more effective and interactive. Furthermore, the article underscores the pivotal role of teachers in selecting appropriate IT tools and providing pedagogical guidance.

*Keywords: lexical competence, information technology, mobile applications, gamification, blended learning, flipped classroom, independent learning, personalized learning, immediate feedback, Quizlet, Duolingo, Anki, WordUp.* 

### АННОТАЦИЯ

В данной статье рассматривается роль информационных технологий (ИТ) в развитии лексической компетенции изучающих иностранный ЯЗЫК. Анализируются расширения словарного запаса методы учащихся С использованием мобильных приложений, игровых методов обучения, а также моделей смешанного и перевёрнутого классов. Отмечается, что такие возможности, как самостоятельное обучение, персонализированный подход и мгновенная обратная Связь, способствуют более эффективному u интерактивному учебному процессу. В статье также подчёркивается важная роль преподавателей в выборе подходящих ИТ-инструментов и направлении учащихся в учебном процессе.

**Ключевые слова:** лексическая компетенция, информационные технологии, мобильные приложения, геймификация, смешанное обучение, перевёрнутый класс, самостоятельное обучение, персонализированное обучение, мгновенная обратная связь, Quizlet, Duolingo, Anki, WordUp.

### ANNOTATSIYA

Ushbu maqolada til oʻrganuvchilarning leksik kompetensiyasini rivojlantirishda axborot texnologiyalarining (AT) oʻrni tahlil qilinadi. Talabalar lugʻatini kengaytirishga qaratilgan mobil ilovalar, oʻyin asosidagi ta'lim, shuningdek, aralash va teskari sinf modellaridan foydalanish usullari koʻrib chiqiladi. Mustaqil ta'lim, shaxsiylashtirilgan yondashuv va zudlik bilan fikr-mulohaza kabi imkoniyatlar oʻquv



jarayonini yanada samarali va interaktiv qilishga yordam berishi ta'kidlanadi. Maqolada, shuningdek, oʻqituvchilarning mos axborot texnologiyalari vositalarini tanlash va oʻquvchilarni yoʻnaltirishdagi muhim roli alohida e'tirof etiladi.

*Kalit soʻzlar:* leksik kompetensiya, axborot texnologiyalari, mobil ilovalar, gamifikatsiya, aralash ta'lim, teskari sinf, mustaqil oʻrganish, shaxsiylashtirilgan ta'lim, zudlik bilan fikr-mulohaza, Quizlet, Duolingo, Anki, WordUp.

#### **INTRODUCTION**

In recent years, information technology (IT) has changed how we approach language learning. A key aspect of becoming proficient in a language is having a strong vocabulary, which means knowing and correctly using words in different situations. Learning vocabulary often can be understood simply by remembering past lists of words by heart. However, now, IT tools provide exciting, interactive, and personalized ways to build students' vocabulary. This article deals with practical methods for using IT tools to boost learners' vocabulary skills, especially strategies that can easily be integrated into language classrooms.

# **Types of IT Tools for Lexical Competence Mobile Applications**

Mobile apps such as Quizlet and Duolingo have changed how students learn new words. They offer fun, interactive exercises that make studying feel like a game, encouraging us to practice and remember words effectively. With features like spaced repetition, these apps help us revisit words at the perfect times to boost our memory. Plus, they provide personalized learning pathways, allowing learners to concentrate on vocabulary that matters most to them and matches their skill level. Research illustrates that technology integration, such as various apps, platforms can significantly improve the lexical competence of EFL learners at different educational levels (Al-Jarf, 2007; Chen, 2004; Pérez Cañado, 2010; Torekeeyv et al., 2024).

### **Game-Based Learning**

Gamification boosts motivation by transforming learning into an exciting challenge Torekeeyv et al. (2024). Platforms like Kahoot, Word Wall, and learning apps provide vocabulary games that encourage active participation, often blending competition and rewards. This approach can help learners absorb new words more effectively than traditional, passive learning methods.

# Methods of Integrating IT Tools into the Classroom Blended Learning



In a blended learning model, technology enhances traditional teaching methods. For instance, students can use apps like Duolingo for homework to practice vocabulary outside of class, while class time can focus on using those words in conversations or writing tasks. Teachers can also keep track of progress through reports generated by the apps, providing valuable insights into students' strengths and areas where they can improve (Pérez Cañado, 2010).

According to Al-Jarf (2007), a blended learning environment can create a space for an effective combination of digital tools and traditional approaches, offering flexibility. Teachers can generate vocabulary quizzes using Quizlet or Google Forms, which can be discussed during class. This approach ensures that digital resources support, rather than replace, face-to-face interaction, ultimately leading to better retention and understanding.

### **Flipped Classroom**

The flipped classroom model allows students to learn new vocabulary through IT tools before class. Using apps or online platforms, learners can explore word lists, take quizzes, or engage in interactive tasks independently. In class, they then practice using the vocabulary in context through discussions, projects, or group activities. This approach makes the most of classroom time by focusing on higher-order thinking skills. When this model is applied correctly, students come to class already familiar with the vocabulary and have engaged with digital learning tools recommended by the teacher, such as Quizlet or Memrize. This method changes students' learning from traditional to independent (Pérez Cañado, 2010).

## **Autonomous Learning Through IT Tools**

Integrating different IT tools can enhance teaching effectiveness in the classroom (Peachey, 2018). One of the most essential benefits of IT tools is that they help

learners to manage their vocabulary acquisition. Apps and online platforms allow learners to set their own learning pace, choose specific vocabulary sets, and track their progress. Teachers can help students determine how to select and use appropriate IT tools, such as Anki or Duolingo, for independent learning.

This kind of learning encourages responsibility and allows learners to tailor their vocabulary study to their needs and goals. With tools like WordUp, learners can keep tabs on their progress and create a personalized word bank that includes vocabulary



that matters most to them. Teachers support monitoring progress and providing guidance when necessary, ensuring the learning process stays on track.

## **Advantages of IT Tools for Vocabulary Learning**

1. **Personalization** Digital tools can be modified to the individual needs of each learner, offering personalized vocabulary lists appropriate to their proficiency level and interests. This personalized learning increases motivation and helps learners concentrate on the vocabulary that genuinely matters to them.

2. **Immediate Feedback** One of the most significant benefits of IT tools is their instant feedback. Learners get immediate corrections, which helps them spot and fix mistakes immediately. This immediate response promotes a more engaged learning experience and better retention.

## CONCLUSION

Integrating IT tools into vocabulary learning can bring a lot of advantages, including personalized learning experiences and increased engagement through gamification. Mobile apps, digital flashcards, and game-based platforms can significantly improve vocabulary skills by making learning more interactive and enjoyable. As technology advances, the opportunities for enhancing vocabulary acquisition also grow, allowing teachers and students to discover new and effective learning methods.

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