

LINGUODIDACTIC INNOVATIONS OF THE 21ST CENTURY: SHAPING THE FUTURE OF LANGUAGE LEARNING

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Abstract:

Linguodidactics has seen revolutionary breakthroughs in the twenty-first century that have completely changed how languages are taught and acquired. This article examines significant advancements that have improved language learning through customization, accessibility, and engagement. These advancements include digital learning platforms, artificial intelligence, virtual and augmented reality, and speech recognition tools. The contributions of blended learning, corpus-based methods, neuroscientific understandings, and adaptive learning models to more effective language acquisition are also explored. Ethical issues pertaining to equity and accessibility are also emphasized. The future of language instruction holds even more revolutionary developments that will improve multilingualism and cross-cultural communication as technology develops.

Key words: Linguodidactics, language learning, digital platforms, artificial intelligence, virtual reality, augmented reality, speech recognition, blended learning, corpus-based learning, adaptive learning, personalized learning, multilingualism, accessibility, educational technology.

doi: <https://doi.org/10.2024/ppotsg61>

Technology has advanced at an exponential rate in the twenty-first century, drastically changing numerous industries, including education. These advancements have brought to a considerable evolution in language learning, or linguodidactics, which has embraced new technologies, instructional methodologies, and multidisciplinary approaches in place of traditional methods. The main linguodidactic advancements of the twenty-first century are examined in this article, along with how they are changing language instruction and acquisition.

1. Digital Learning Platforms and Mobile Apps: one of the most revolutionary innovations in linguodidactics is the advent of digital platforms and mobile apps dedicated to language learning. Platforms such as Duolingo, Babbel, and Memrise have democratized language education, making it accessible to millions of people across the globe. These systems produce effective and entertaining learning experiences by combining spaced repetition techniques, adaptive learning algorithms, and gamification. They provide tailored feedback, accommodate different learning requirements and styles, and let students practice at their own pace.

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“Gamification”, or the incorporation of game features such as points, awards, and challenges, has been shown to be a successful language learning incentive. It not only keeps students engaged for longer stretches of time, but it also makes learning enjoyable. Moreover, these apps often offer community elements where learners may communicate with peers, generating a sense of connection and motivation.

2. Intelligent Automation and Flexible Learning: with its ability to provide adaptive learning experiences, artificial intelligence (AI) has opened up new possibilities in language instruction. AI-powered systems are able to evaluate a student’s level of competency, pinpoint their areas of strength and weakness, and adjust lesson plans accordingly. By using an adaptable method, it is ensured that learners are not overwhelmed by too complex content or bored by repeating assignments.

Artificial intelligence (AI) chatbots and virtual tutors replicate real-time language practice, giving students the chance to participate in real-world dialogues without a tutor. These systems interpret and react to student inputs using natural language processing (NLP), providing real-time suggestions and corrections. With the use of this technology, one can enhance their speaking, listening, and comprehension abilities in a safe and accepting setting.

3. Augmented reality (AR) and virtual reality (VR): through the immersive use of virtual reality (VR) and augmented reality (AR), language learners can now experience learning in dynamic, real-world settings. With the help of these technologies, language learners can practice in authentic environments without having to travel, thanks to scenarios rich in context.

VR language labs, for example, can replicate scenarios such as placing an order in a restaurant, navigating a foreign city, or taking part in a business conference in a language other than English. In a fun and risk-free setting, students can improve their pronunciation, vocabulary, and understanding of cultural nuances. Contrarily, augmented reality (AR) enables students to superimpose digital content on their actual environment. Examples of this include engaging in interactive classes in actual settings or scanning things to learn their names in a target language.

4. Models of Blended Learning: one significant development in linguodidactics has been the emergence of blended learning, which blends traditional classroom education with internet resources. With this method, teachers can provide a more individualized education for their pupils, giving them access to language materials outside of the classroom and the chance to communicate with teachers face-to-face.

The structure and direction of in-person instruction mixed with the adaptability and independence of digital tools are integrated in blended learning to provide the best of both worlds. Additionally, it enables flipped classrooms, in which students go through digital materials (such podcasts, interactive exercises, or video lectures) ahead of time, maximizing in-class time for group projects and in-depth conversations.

5. Social and Collaborative Learning: language learning has changed as a result of the popularity of social media and online groups. Language learners can practice speaking with native speakers from all across the world using platforms such as Hello Talk, Tandem, and italki. With the use of these tools, users can learn a new language

in exchange for teaching each other their native tongues, an approach known as peer-to-peer learning.

This type of social learning enhances language proficiency while promoting cross-cultural understanding. Interacting with native speakers facilitates language learners' acquisition of phrases, idioms, and colloquialisms that are sometimes overlooked in formal language instruction.

6. Language Learning Using Corpora: large language databases, or corpora, and developments in computational linguistics have made corpus-based approaches to language acquisition more common. A corpus is an assemblage of real writings and spoken language samples that may be examined for patterns, frequency of use, and collocations in language. With the aid of corpus-based technologies, students can examine real-world instances of words and phrases used in context, giving them access to insights into grammar, syntax, and pragmatics that are frequently lacking from textbooks. Additionally, by focusing on actual language use in their data-driven classes, teachers can increase their students' exposure to natural language forms by using corpora.

7. MOOCs and remote learning: MOOCs, or massively open online courses, are becoming more and more well-liked as language learning platforms. Thanks to innovators like Coursera, edX, and Future Learn, anyone with an internet connection may now access top-notch education through language courses created by experts and premier universities. In the year 2020, when the global pandemic sped up demand for distance learning options. These online courses are sometimes augmented with interactive features like discussion boards, live webinars, and peer assessments, creating a sense of community despite the physical distance.

For language learners who might not be able to attend in-person lessons or who have hectic schedules, MOOCs and remote learning options offer flexibility.

To conclude, a wide variety of linguodidactic innovations have emerged in the 21st century, revolutionizing language teaching and learning. Language learning is now more accessible, interesting, and efficient than ever thanks to technological breakthroughs like AI-driven tailored learning and immersive VR environments. The techniques and resources accessible to language learners will also advance along with technology, making linguodidactics a fascinating and dynamic discipline in the future. Future research on language acquisition and the incorporation of these innovations into mainstream education should help remove even more obstacles to multilingualism and cross-cultural communication.

References:

- [1]. R. Chacon Beltran, C. Abello Contesse, & Torreblanca-Lopez, M. del M. (2010). "Insights into Non-native Vocabulary Teaching and Learning". *Multilingual Matters*.
- [2]. R. Godwin-Jones, (2015). *Emerging technologies: The evolving roles of language teachers: Trained coders, local researchers, global citizens*. "Language Learning & Technology", 19(1), 10-22.
- [3]. C. Lai, & G. Li, (2011). *Technology and task-based language teaching: A critical review*. "CALICO Journal", 28(2), 498-521.

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[4]. M. Levy, & G. Stockwell, (2013). "CALL Dimensions: Options and Issues in Computer-Assisted Language Learning". Routledge.

[5]. M. H. Long, (2014). *Second language acquisition and task-based language teaching*. "The Encyclopedia of Applied Linguistics". Wiley-Blackwell.

[6]. Pica, T. (2005). *Task-based learning in the adult ESL classroom*. "ELT Journal", 59(1), 3-12.

[7]. Erdanova, Z., & Eshdavlatova, A. (2024, April). *Lexical classification of language units*. In *Conference Proceedings: Fostering Your Research Spirit* (pp. 43-47).

[8]. Qizi, E. A. Z., & Qizi, X. Y. I. (2023). *The background of the emergence of pragmalinguistics*. *International Journal of Advance Scientific Research*, 3(06), 58-62.

[9]. Zafarovna, E. A. (2022). *The role of educational games in english classes*. *Journal of new century innovations*, 19(6), 342-344.

[10]. Qizi, E. A. Z., & Qizi, A. S. B. (2023). *Pragmatics and semantics as special areas of linguistics*. *International Journal of Advance Scientific Research*, 3(11), 160-167.