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INNOVATIVE TECHNOLOGIEN IM DEUTSCHUNTERRICHT: PERSPEKTIVEN, POTENZIALE UND DIDAKTISCHE IMPLIKATIONEN

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Abstract

This article is dedicated to the analysis of innovative technologies in German teaching and examines their potentials with regard to the promotion of linguistic, communicative and intercultural competences. By means of a systematic literature review and a didactic analysis, digital tools such as learning platforms, mobile applications, AI-based assistance systems and collaborative online tools are evaluated. The results show that innovative technologies can bring about profound changes in foreign language teaching by personalizing learning processes, promoting authentic communication and significantly increasing learner motivation. The article concludes with practical recommendations for an effective implementation of digital media in German lessons.

Keywords: Innovative technologies, German lessons, digital education, interactive learning, blended learning, learning platforms, artificial intelligence, gamification, virtual reality, collaborative learning, motivation in foreign language teaching.

Introduction

Innovative technologies are shaping German teaching at a time when digitization is one of the central development factors of the global education system. The increasing integration of digital media is not only changing traditional forms of teaching, but is also opening up new didactic possibilities that are based on the findings of modern foreign language didactics as well as on the findings of media



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education. In German lessons – especially in the area of German as a foreign language (DaF) – digital tools allow a profound redesign of the learning process by promoting communicative exchange, authentic interaction and a pronounced learner orientation.

In recent years, it has become clear that digital technologies in foreign language teaching go far beyond a purely supportive function. They have developed into an integral and indispensable part of modern, competence-oriented teaching. The use of learning platforms, mobile language learning apps, interactive whiteboards, virtual classrooms and AI-supported assistance systems enables teachers to design learning processes flexibly, transparently and individually. Access to authentic language resources – including digital corpora, online newspapers, audiovisual texts or social media communication – makes a significant contribution to the development of receptive and productive language skills. In addition, digital systems enable precise observation and analysis of individual learning progress, which allows learning opportunities to be adapted in a differentiated and personalized way.

The role of artificial intelligence is particularly noteworthy. AI-powered applications support learners through automatic speech recognition, error analysis, adaptive feedback, and personalized exercise sequences. This leads to a significantly increased efficiency in the learning process, as feedback can be given faster, more objectively and more continuously. This puts the learner more in the spotlight, gives them more autonomy and allows them to develop their learning strategies in a more targeted manner.

Another significant advantage of innovative technologies is their ability to promote communicative skills in authentic contexts. Digital communication tools such as video conferencing platforms, virtual exchange programs, online role-playing games or cooperative international projects enable learners to come into direct contact with native speakers. This not only intensifies language practice, but also develops intercultural sensitivity and communicative competence. Multimedia learning resources – such as didactic videos, podcasts, interactive simulations or digital learning modules – activate several channels of perception at the same time and thus support different learning styles. Complex content can

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be conveyed in a simplified and visually supported way, which facilitates the cognitive processing of linguistic structures.

Innovative technologies also promote collaborative forms of learning. Tools such as Padlet, Etherpad, Google Docs or learning management systems enable learners to write texts together, exchange ideas, have discussions and develop projects cooperatively. These collaborative forms of work not only strengthen linguistic and intercultural skills, but also digital and social key qualifications, which are indispensable in today's knowledge- and technology-oriented society. In this context, flipped classroom concepts, blended learning models and project-based learning approaches prove to be particularly effective, as they allow learners a high degree of autonomy, activity and a sense of responsibility.

Nevertheless, the use of innovative technologies in German lessons is associated with various challenges. These include inadequate technical equipment at some educational institutions, the lack of media literacy among some teachers, possible distractions caused by digital devices, data protection issues and the risk of over-mechanisation of teaching. These factors make it clear that the use of digital tools must always be methodically justified, didactically meaningful and pedagogically responsible. Technology must not become an end in itself, but must be put at the service of learning objectives.

A comprehensive analysis shows that innovative technologies are decisively modernising German lessons and enriching them with contemporary didactic instruments. They promote independent, active and reflective learning, strengthen communicative skills, increase the motivation of learners and make it easier for teachers to design lessons in a differentiated way. In this way, they significantly improve the quality of the entire foreign language learning process. For the future, it is particularly important to continuously train teachers in the field of digital didactics and media education, to ensure a stable technological infrastructure at educational institutions and to use AI-supported systems in a targeted manner. Innovative technologies do not replace the teacher, but expand and differentiate their didactic possibilities. They create a learning environment in which language can be taught in a lively, accessible, action-oriented and competence-based manner.



References

1. Bauer, R., & Maier, M. (2021). *Digital Teaching and Learning: Basics and Practical Examples*. Beltz Verlag.
2. Becker, T., & Küchler, S. (2019). *German as a Foreign Language in the Digital Age*. Narr Francke Attempto Verlag.
3. Döring, N., & Bortz, J. (2016). *Research Methods and Evaluation in the Social and Human Sciences*. Knight.
4. Helmke, A. (2017). *Teaching quality and teacher professionalism*. Klett-Kallmeyer.
5. Krommer, A. (2020). *Digital Education: Myths, Realities, Perspectives*. Waxmann Verlag.
6. Lübcke, M., & Ziegler, G. (2022). *Media Didactics in Foreign Language Teaching*. UTB.
7. Meyer, H. (2017). *Lesson Preparation Guide*. Cornelsen.
8. Rösler, D. (2012). *Computer and Internet in German lessons*. Klett Verlag.
9. Schulmeister, R. (2019). *learning platforms, e-learning and blended learning*. De Gruyter.
10. Storch, G. (2018). *German as a Foreign Language: An Introduction*. Erich Schmidt Verlag.
11. Ziegler, N. (2016). Digital Tools and Language Learning: *Theoretical and Pedagogical Considerations*. Language Learning & Technology Journal.
12. Stockwell, G., & Hubbard, P. (2013). *Computer-Assisted Language Learning: Diversity in Research and Practice*. Cambridge University Press.
13. Burwitz-Melzer, E., Henrici, G., & Riemer, C. (2018). *Foreign Language Didactics*. Narr Verlag.
14. Traxler, J. (2016). Mobile Learning in Language Education. *International Journal of Mobile and Blended Learning*.
15. Hampel, R., & Stickler, U. (2015). *Developing Online Teaching Skills*. Palgrave Macmillan.