PREPARING AN INFORMATION BROCHURE, OR VIDEO PRESENTATION ON MODERN EDUCATIONAL TECHNOLOGIES, INCLUDING COMPUTER-ASSISTED LANGUAGE LEARNING (CALL), DIGITAL PLATFORMS, AND ONLINE TOOLS

Abdullayeva Sevinch
Mirzo Ulug‘bek nomidagi O‘zbekiston Milliy universetiti Jizzax filiali talabasi
O‘qituvchi: Karimova Hulkar

Abstract. This article explores the use of modern educational technologies, their importance in the educational process, and their role in improving the effectiveness of foreign language teaching. In particular, it examines the features, advantages, and practical applications of Computer-Assisted Language Learning (CALL), digital educational platforms, and various online tools. Modern educational technologies help increase students’ interest in learning, develop independent learning skills, make the language learning process more interactive, and adapt educational materials to individual needs. The article also focuses on presenting information about modern pedagogical technologies in a systematic, understandable, and visually attractive way through the preparation of an information brochure or the creation of a video presentation. The purposeful use of CALL technologies, digital platforms, and internet-based tools provides opportunities to develop students’ listening, speaking, reading, and writing skills. Furthermore, integrating information and communication technologies into education plays an important role in improving teachers’ digital competence and enhancing the overall quality of education. Therefore, the effective application of modern educational technologies is an essential aspect of creating an innovative, interactive, and learner-centered educational environment.

Keywords: modern educational technologies, Computer-Assisted Language Learning, CALL, digital educational platforms, online tools, information and communication technologies, interactive learning, e-learning, distance education, digital literacy, multimedia tools, video presentation, information brochure, foreign language teaching, independent learning, educational effectiveness.

Introduction

In the modern world, the rapid development of information and communication technologies has brought significant changes to the educational system. Traditional teaching methods are increasingly being combined with innovative approaches that make the learning process more effective, interactive, flexible, and accessible.

Modern educational technologies have become an essential part of contemporary education because they provide teachers and students with new opportunities to access information, exchange knowledge, develop practical skills, and achieve learning objectives. The integration of digital technologies into education is particularly important in foreign language teaching, where learners need regular practice, authentic language materials, immediate feedback, and opportunities to communicate in different situations. In this context, preparing an information brochure or a video presentation on modern educational technologies is an effective way to introduce the latest teaching methods, digital resources, and online tools to educators, students, and other participants in the educational process. Such materials help explain the importance of technological innovation in education and demonstrate how digital resources can be used to improve teaching quality and learning outcomes. One of the most important developments in language education is Computer-Assisted Language Learning (CALL), which refers to the use of computers and related digital technologies to support the teaching and learning of languages. CALL has transformed traditional language classrooms by providing learners with interactive exercises, multimedia materials, pronunciation practice, vocabulary activities, grammar explanations, listening tasks, and opportunities for independent learning. Through CALL, students can practise language skills at their own pace, repeat difficult activities, monitor their progress, and receive feedback on their performance. These features make language learning more flexible and allow teachers to address different learning needs and abilities.

Furthermore, digital educational platforms have expanded the possibilities of teaching and learning by creating virtual environments where teachers can share learning materials, assign tasks, conduct assessments, communicate with students, and monitor their progress. Platforms such as Google Classroom, Moodle, and Microsoft Teams support the organization of educational activities and facilitate communication between teachers and learners. In addition, online language-learning tools such as Quizlet, Kahoot!, Duolingo, and Wordwall provide interactive activities that can make lessons more engaging and motivating. These tools can be used to practise vocabulary, reinforce grammatical structures, assess students' understanding, and encourage active participation in classroom activities. Video-conferencing applications, online dictionaries, digital libraries, educational videos, podcasts, and interactive websites also contribute to the development of language competence by providing access to authentic materials and real-life communication opportunities. Another important advantage of modern educational technologies is their ability to support different learning styles, individual interests, and educational needs. Some students learn more effectively through visual materials, while others benefit from listening activities, practical exercises, or direct interaction. Digital resources allow teachers to combine text, audio, video, images, animations, and

interactive tasks to create a more inclusive and learner-centred environment. They also encourage students to take greater responsibility for their own learning, develop digital literacy, improve critical thinking, and become more independent learners. However, the successful integration of technology into education requires careful planning, appropriate resource selection, reliable internet access, and sufficient digital competence among teachers and students. Technology should not replace the essential role of teachers; rather, it should support their work and help them organize meaningful learning experiences. Teachers must select digital tools according to lesson objectives, students' ages, language proficiency levels, available resources, and individual needs. It is also necessary to consider possible challenges, including technical difficulties, unequal access to digital devices, distractions, and excessive dependence on electronic resources.

Therefore, the effective use of educational technologies requires a balanced combination of technological innovation and sound pedagogical principles. Preparing an information brochure or a video presentation on this topic provides an opportunity to present essential information about CALL, digital educational platforms, and online learning tools in a clear, structured, and visually appealing format. An information brochure can summarize key concepts, describe the advantages of selected technologies, and provide practical recommendations for their use in educational settings. A video presentation, in turn, can demonstrate how digital tools work, illustrate examples of classroom activities, and explain their contribution to language learning. Both formats can increase awareness of technological developments, encourage the exchange of teaching experiences, and help educators make informed decisions about integrating digital resources into their lessons. The main purpose of this topic is to explore modern educational technologies and demonstrate their practical value in contemporary teaching, particularly in foreign language education. It also aims to identify the educational benefits of CALL, examine the functions of digital platforms, introduce useful online tools, and explain how these technologies can support interactive, flexible, and student-centred learning. In conclusion, understanding and applying modern educational technologies is an important step towards improving the quality of education and preparing learners for the demands of the digital age. Through the effective use of CALL, digital platforms, and online resources, teachers can create engaging learning environments that encourage participation, promote independent study, and support the development of essential language skills.

Main part

Modern educational technologies have become an important part of the teaching and learning process because they provide new ways to present information, organize classroom activities, assess students' progress, and develop essential academic skills. The development of digital resources has changed the traditional understanding of education by making learning more interactive, accessible, and flexible. In the past, teachers mainly relied on textbooks, printed materials, blackboards, and face-to-face explanations. Although these methods remain valuable, modern educational technologies offer additional opportunities to improve students' understanding and increase their motivation. By combining

traditional teaching methods with digital resources, teachers can create lessons that respond to different learning needs and encourage students to participate actively in the educational process. Modern educational technologies include computer-assisted learning systems, online educational platforms, multimedia resources, interactive applications, virtual classrooms, electronic assessment tools, and internet-based communication services. Each of these technologies has specific functions and can be used to achieve different educational objectives. Their effectiveness depends on the teacher's ability to select appropriate tools, prepare meaningful activities, and integrate technology into the lesson in a purposeful way. One of the most significant technologies in foreign language education is Computer-Assisted Language Learning, commonly known as CALL. CALL refers to the use of computers and related digital devices to support language teaching and learning. It combines technological resources with pedagogical methods to provide learners with opportunities to practise language skills in different contexts. CALL can be used to teach vocabulary, explain grammar, develop pronunciation, improve listening comprehension, and strengthen reading and writing skills. It also allows students to complete interactive exercises, listen to authentic speech, watch educational videos, and receive immediate feedback on their answers. For example, students learning English can use computer-based activities to practise verb tenses, identify grammatical mistakes, learn new words, and improve their pronunciation by listening to native speakers.

They can repeat exercises as many times as necessary, which helps them understand difficult concepts and develop confidence in their abilities. CALL also supports individualized learning because students can work at their own pace and focus on areas that require additional practice. Teachers can use CALL resources to prepare supplementary activities, assign homework, monitor learning progress, and provide additional support to students who experience difficulties. Another important advantage of CALL is the opportunity to create an interactive learning environment in which students become active participants rather than passive recipients of information. Nevertheless, successful CALL implementation requires appropriate equipment, suitable learning materials, and guidance from teachers. Computers and digital devices alone cannot guarantee effective learning; the educational value of CALL depends on how well the technology supports lesson objectives and students' learning needs. Digital educational platforms are another essential component of modern education. These platforms provide online environments where teachers and students can communicate, exchange information, organize learning activities, and access educational materials. Google Classroom, Moodle, and Microsoft Teams are examples of platforms that can support the management of educational activities. Google Classroom allows teachers to distribute assignments, share documents, provide feedback, and organize classroom materials in one place. Moodle offers tools for creating online courses, preparing quizzes, organizing learning resources, and evaluating student performance. Microsoft Teams supports communication, online meetings, collaborative activities, and the sharing of documents. Such platforms are especially useful for blended learning, which combines traditional classroom instruction with online learning

activities. They also support distance education by allowing students to access learning materials and complete assignments without being physically present in a classroom. Through digital platforms, teachers can organize educational content systematically, communicate instructions clearly, and provide students with convenient access to course materials. Students can review lessons, submit homework, receive feedback, and collaborate with classmates. These opportunities can improve time management and encourage greater responsibility for learning. In addition, digital platforms can help teachers maintain records of assignments and monitor students' progress more efficiently. However, their effective use depends on internet access, digital literacy, appropriate course organization, and regular communication between teachers and learners. Online educational tools also play a significant role in modern language teaching because they make lessons more attractive and provide opportunities for active practice. Many online applications are designed to support specific language skills and encourage students to learn through interaction, repetition, and problem-solving. Quizlet, for example, can be used to create digital flashcards and vocabulary activities that help learners remember new words and their meanings. Teachers can prepare vocabulary sets related to topics such as education, family, food, travel, and everyday communication. Students can review these words independently and test their knowledge through different activities. Kahoot! is another popular educational tool that allows teachers to create interactive quizzes and organize game-based learning activities. It can be used to review grammar rules, check vocabulary knowledge, and assess students' understanding of previously studied topics. Wordwall provides opportunities to create matching exercises, word games, quizzes, and other interactive tasks.

Duolingo offers structured language-learning activities that help learners practise vocabulary, grammar, listening, and translation through short exercises. These tools can increase motivation by introducing variety into lessons and giving students immediate information about their performance. They are particularly useful when teachers need to review a topic, check comprehension, or encourage students who are reluctant to participate in traditional classroom activities. Nevertheless, teachers should ensure that online games and applications serve clear educational purposes rather than becoming activities without meaningful learning outcomes. The selection of an online tool should depend on the topic, the age and proficiency level of learners, the lesson objectives, and the time available for the activity. Multimedia technologies are equally important because they combine different forms of information, including text, sound, images, animation, and video. These resources can help learners understand complex concepts, remember new information, and connect theoretical knowledge with real-life situations. In foreign language education, videos and audio recordings provide examples of natural pronunciation, intonation, vocabulary, and grammatical structures. Students can listen to conversations, watch interviews, follow educational programmes, and observe how English is used in everyday communication. Podcasts are useful for developing listening comprehension because learners can listen to discussions on various subjects and become familiar with different speaking styles. Subtitles and transcripts can provide additional support for students who find listening tasks

challenging. Teachers can also use short videos as the basis for speaking activities, discussions, summaries, and writing assignments. For example, after watching a video about environmental protection, students can identify important vocabulary, summarize the main ideas, answer comprehension questions, and express their own opinions about the topic. In this way, multimedia resources can integrate several language skills within one lesson and make learning more meaningful.

However, the selected materials should be appropriate for students' language levels, relevant to lesson objectives, and reliable in terms of content. The use of online dictionaries and digital reference resources is another valuable aspect of technology-supported language learning. Online dictionaries allow students to check word meanings, pronunciation, grammatical information, and examples of usage. These resources help learners expand their vocabulary and understand how words function in different contexts. Digital reference materials can also support independent reading, academic writing, translation, and the preparation of presentations. Students can use reliable online sources to find information, compare different explanations, and develop research skills. However, they should learn to evaluate the credibility of websites, distinguish reliable educational content from inaccurate information, and avoid copying material without understanding it. Digital literacy is therefore an essential competence in modern education. It involves the ability to access, evaluate, create, and communicate information using digital technologies responsibly and effectively. Teachers should guide students in selecting trustworthy sources, protecting personal information, respecting copyright, and using digital materials ethically. These skills are necessary not only for academic success but also for participation in modern society. One of the major benefits of modern educational technologies is their ability to support individual differences among learners. Students differ in age, motivation, prior knowledge, learning speed, interests, and preferred ways of engaging with information. Some students understand new concepts more easily through visual materials, while others benefit from listening, reading, discussion, or practical activities.

Digital technologies enable teachers to combine different instructional methods and provide a wider range of learning opportunities. For example, visual learners may benefit from diagrams, videos, and illustrated presentations, while auditory learners may improve their understanding through podcasts, recordings, and spoken explanations. Students who prefer practical activities can work with interactive exercises, simulations, and educational games. Furthermore, online platforms can provide additional exercises for learners who need more practice and more challenging tasks for students who progress quickly. This flexibility can contribute to differentiated instruction, in which teaching methods and learning materials are adapted to students' individual needs. Technology can also support learners with certain accessibility requirements through features such as captions, screen readers, adjustable text sizes, and recorded explanations. Therefore, when selected and implemented carefully, modern educational technologies can contribute to a more inclusive and learner-centred educational environment. Another important advantage of digital learning is the development of independent learning skills. In a technology-rich educational environment, students can access learning materials

outside the classroom, revise previous lessons, explore additional information, and practise skills according to their own schedules.

This flexibility encourages learners to take greater responsibility for their progress and develop effective study habits. They can establish personal learning goals, monitor their achievements, identify weaknesses, and select resources that correspond to their needs. For instance, a student preparing for an English examination may use online listening exercises to improve comprehension, digital flashcards to memorize vocabulary, grammar websites to review language structures, and video recordings to develop speaking skills. Such activities can supplement classroom instruction and provide regular opportunities for practice. At the same time, independent learning requires self-discipline, time management, and the ability to evaluate progress realistically. Teachers continue to play an important role by recommending appropriate resources, explaining difficult concepts, encouraging consistent practice, and helping students overcome learning challenges. The integration of modern educational technologies into teaching also creates opportunities for collaborative learning. Digital tools allow students to work together on presentations, shared documents, research projects, and online discussions. They can exchange ideas, provide feedback, divide responsibilities, and develop communication skills while completing common tasks. Collaborative digital activities can be particularly useful in language learning because they encourage students to use the target language for meaningful communication. For example, students can work in groups to prepare an information brochure about environmental protection, create a video presentation about cultural traditions, or design an online vocabulary quiz for their classmates. These projects combine language practice with creativity, critical thinking, teamwork, and digital competence.

They also help learners connect classroom knowledge with practical tasks and develop skills that are valuable in their future academic and professional lives. However, teachers should establish clear instructions, define individual responsibilities, and ensure that all group members participate actively. Preparing an information brochure on modern educational technologies is an effective method of presenting important information in a concise and visually organized format. A brochure can introduce the concept of educational technology, explain the purpose of CALL, describe useful digital platforms, and provide examples of online learning tools. It may also include short explanations, illustrations, diagrams, practical recommendations, and links or QR codes leading to additional educational resources. The main advantage of a brochure is that it allows readers to obtain essential information quickly and return to it whenever necessary. When preparing a brochure, it is important to use accurate information, clear language, appropriate headings, and a logical structure. The content should be organized according to the target audience and the purpose of the material. Excessive text should be avoided, while the most important information should be highlighted through effective organization and visual presentation. A well-designed brochure can be used during lessons, teacher-training sessions, educational exhibitions, seminars, and independent study activities. It can also serve as a practical reference guide for teachers who want to integrate digital technologies into their teaching. Creating a

video presentation is another effective way to demonstrate modern educational technologies. Unlike a printed brochure, a video presentation can combine spoken explanations, images, screen recordings, animations, subtitles, and examples of real digital tools. This format makes it possible to demonstrate how educational platforms operate and how teachers and students can use them in practice. For instance, a presentation may begin with an explanation of the role of technology in contemporary education, followed by an introduction to CALL, examples of digital platforms, and demonstrations of online language-learning applications.

The final section may summarize the benefits of these resources and provide recommendations for their effective use. A successful video presentation should have a clear purpose, a logical sequence, readable text, appropriate visuals, understandable narration, and accurate information. The speaker should explain the main ideas in a simple and engaging way while avoiding unnecessary details. Video presentations can be shared through educational platforms and used for classroom instruction, independent learning, professional development, and academic projects. They also allow students to develop presentation skills, creativity, digital communication, and confidence in explaining educational concepts. Despite the many advantages of modern educational technologies, their implementation involves several challenges that must be considered. Not all students have equal access to computers, smartphones, stable internet connections, or suitable learning environments. Technical problems can interrupt lessons, while excessive screen time and unrelated online content may distract learners from educational objectives. Some teachers may also require additional training to use digital platforms and online applications effectively. Furthermore, not every online resource provides accurate, age-appropriate, or pedagogically effective content. Privacy, data security, copyright, and responsible use of artificial intelligence are additional concerns that require attention. To address these challenges, educational institutions should provide appropriate technical support, promote digital literacy, offer professional development opportunities for teachers, and establish clear guidelines for responsible technology use.

Teachers should prepare alternative activities when technical difficulties occur and ensure that digital resources complement rather than replace meaningful communication, direct instruction, and human interaction. They should also evaluate the educational value of each tool before incorporating it into a lesson. The most effective approach is to use technology purposefully, selecting resources that contribute directly to learning objectives and meet the needs of students. In conclusion, Computer-Assisted Language Learning, digital educational platforms, multimedia resources, and online tools offer valuable opportunities to improve the quality and effectiveness of modern education. They can increase student motivation, support individual learning needs, promote independent study, strengthen communication, and develop essential digital skills. Information brochures and video presentations provide practical ways to introduce these technologies, explain their advantages, and demonstrate their applications in educational settings. When supported by appropriate pedagogical planning, reliable resources, and responsible digital practices, modern educational technologies can

create a more interactive, flexible, inclusive, and student-centred learning environment.

Conclusion

In conclusion, modern educational technologies play a significant role in improving the quality of education and making the teaching and learning process more effective, interactive, and accessible. The development of information and communication technologies has created new opportunities for teachers and students to exchange knowledge, access educational resources, develop practical skills, and achieve learning objectives. Computer-Assisted Language Learning (CALL), digital educational platforms, and online tools have become particularly valuable in foreign language education because they provide learners with opportunities to practise listening, speaking, reading, and writing through interactive and engaging activities. These technologies help students improve their language proficiency, expand their vocabulary, understand grammatical structures, develop pronunciation, and gain confidence in using a foreign language. Furthermore, digital platforms such as Google Classroom, Moodle, and Microsoft Teams support the organization of educational activities, communication, assignment management, and assessment. Online applications such as Quizlet, Kahoot!, Wordwall, and Duolingo offer additional opportunities for vocabulary development, grammar practice, knowledge assessment, and independent learning. Multimedia resources, educational videos, podcasts, and online dictionaries also contribute to the development of students' language skills by providing access to authentic materials and diverse learning experiences. Another important advantage of modern educational technologies is their ability to support individual differences among learners. By combining different digital resources and teaching methods, educators can create a flexible learning environment that considers students' abilities, interests, motivation, and educational needs. These technologies also encourage independent learning, critical thinking, creativity, collaboration, and digital literacy, which are essential skills in the modern world.

However, the effective integration of technology requires careful planning, appropriate resource selection, reliable access to digital devices, and sufficient digital competence among teachers and students. Technology should be used as a tool to support teaching rather than as a complete replacement for teachers and traditional educational methods. Therefore, educators must select digital resources according to lesson objectives, students' proficiency levels, and the specific requirements of the learning process. Preparing an information brochure or a video presentation on modern educational technologies is an effective way to introduce important digital resources, explain their educational benefits, and demonstrate their practical applications. Such materials can help teachers and students understand how CALL, digital platforms, and online tools contribute to successful learning. They also provide opportunities to present information in a clear, organized, attractive, and accessible format. Ultimately, the successful application of modern educational technologies depends on the balanced combination of technological innovation, effective teaching strategies, and active student participation. The purposeful use of these technologies can create a more engaging, inclusive, and learner-centred

educational environment, improve foreign language learning outcomes, and prepare students to meet the academic and professional challenges of the digital age.

References:

1. Chapelle, C. A. (2001). Computer Applications in Second Language Acquisition: Foundations for Teaching, Testing and Research. Cambridge University Press.
2. Dudeney, G., Hockly, N., & Pegrum, M. (2013). Digital Literacies: Research and Resources in Language Teaching. Pearson.
3. Hockly, N., & Dudeney, G. (2018). Current and Future Digital Trends in ELT. RELC Journal.
4. Kern, R. (2006). Perspectives on Technology in Learning and Teaching Languages. TESOL Quarterly, 40(1), 183–210.
5. Levy, M. (1997). Computer-Assisted Language Learning: Context and Conceptualization. Oxford University Press.
6. Mayer, R. E. (2009). Multimedia Learning (2nd ed.). Cambridge University Press.
7. Richards, J. C., & Rodgers, T. S. (2014). Approaches and Methods in Language Teaching (3rd ed.). Cambridge University Press.
8. Warschauer, M., & Healey, D. (1998). Computers and Language Learning: An Overview. Language Teaching, 31(2), 57–71.