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USING DIGITAL DEVICES TO CONDUCT MODERN LESSONS IN EDUCATION

Abstract. Digital technologies are no longer something extra in education, they are becoming a normal and expected part of the classroom. This article looks at how using devices like smartphones, laptops, tablets, and interactive boards can make lessons more modern, engaging, and closer to real life. The main idea is that when teachers use technology in a smart and purposeful way, students become more interested, more active, and more involved in the learning process. Digital tools help create lessons that feel more dynamic, where students can collaborate, share ideas, search for information, and get quick feedback on their work. This makes the learning environment feel more open, supportive, and motivating for students. At the same time, the article understands that using technology is not always easy. Problems like weak internet connection, distractions, or lack of teacher training can make the process challenging. That is why it is important to use digital tools in balance with traditional teaching methods and always focus on clear learning goals. Overall, the paper shows that thoughtful use of technology can make lessons more enjoyable, interactive, and helpful for preparing students for their future studies and careers.

Key words: digital technologies, modern education, digital devices, interactive learning, student motivation.

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TA’LIMDA ZAMONAVIY DARSLARNI O‘TKAZISH UCHUN RAQAMLI QURILMALARDAN FOYDALANISH

Annotatsiya. Bugungi kunda raqamli texnologiyalarsiz ta’lim jarayonini tasavvur qilish tobora qiyinlashib bormoqda. Ushbu maqolada dars jarayonida smartfon, planshet, noutbuk va interaktiv doskalar kabi raqamli qurilmalardan foydalanish hamda ularning o‘quvchilar motivatsiyasi, faolligi va umumiy o‘quv tajribasiga ta’siri tahlil qilinadi. Tadqiqot nazariy manbalar va amaliy kuzatuvlar asosida olib borilib, texnologiyalarni ta’limga joriy etishning imkoniyatlari va uchraydigan muammolari yoritiladi. Biroq texnologiyalardan foydalanishda internet sifati, e’tiborning chalg‘ishi va o‘qituvchilarning yetarli tayyorgarligi kabi muammolar ham mavjud. Shu sababli maqolada o‘qituvchilarning raqamli kompetensiyasini rivojlantirish, darslarni puxta rejalashtirish va aniq metodik yondashuvni qo‘llash muhim ekani ta’kidlanadi. Umuman olganda, texnologiyalardan oqilona foydalanish zamonaviy, samarali va qiziqarli ta’lim muhitini yaratishga xizmat qiladi.

Kalit so‘zlar: raqamli texnologiyalar, zamonaviy ta’lim, raqamli qurilmalar, interaktiv ta’lim, o‘quv motivatsiyasi.

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ИСПОЛЬЗОВАНИЕ ЦИФРОВЫХ УСТРОЙСТВ ДЛЯ ПРОВЕДЕНИЯ СОВРЕМЕННЫХ УРОКОВ В ОБРАЗОВАНИИ

Аннотация. Цифровые технологии сегодня играют важную и всё более заметную роль в современном образовательном процессе, постепенно меняя традиционные подходы к обучению. В данной статье рассматривается использование цифровых устройств, таких как смартфоны, планшеты, ноутбуки и интерактивные доски, на учебных занятиях, а также их влияние на мотивацию, активность и вовлечённость учащихся. Исследование основано на анализе научной литературы и наблюдениях за учебным процессом, что позволяет рассмотреть тему как с теоретической, так и с практической стороны. В то же время в статье отмечаются и определённые трудности, связанные с использованием технологий: технические сбои, возможные отвлечения учащихся и недостаточный уровень подготовки некоторых преподавателей. В связи с этим подчёркивается важность развития цифровой компетентности педагогов, а также необходимости тщательного методического планирования уроков. В целом, исследование показывает, что цифровые технологии при разумном подходе значительно повышают качество обучения и делают образовательный процесс более современным и эффективным.

Ключевые слова: цифровые технологии, современное образование, цифровые устройства, интерактивное обучение, учебная мотивация.

INTRODUCTION

In recent decades, the rapid development of technologies has significantly influenced the modern educational system. Traditional teaching methods that relied on lectures, classroom activities, and textbooks are being replaced by innovative approaches that integrate digital tools and resources. As students increasingly interact with technology in their everyday lives, the educational process requires teachers to adapt their teaching methods and include digital tools into the learning process.

Modern students are often familiar with digital environments, therefore, the integration of digital devices into classroom instruction has become an important part of current pedagogy. Devices such as smartphones, laptops, tablets, and smart whiteboards allow teachers to present topics in different formats, creating a more engaging learning atmosphere. Using digital tools helps shift from teacher-centered toward student-centered learning, encouraging students to participate actively and gain more meaningful learning experiences.

The purpose of this article is to explore how digital devices can be used to conduct lessons in a modern way and how they influence the effectiveness of the teaching and learning process.

LITERATURE REVIEW AND METHODOLOGY

The role of digital technologies in education has been widely discussed in academic literature. Prensky, for example, introduces the concept of “digital natives”, suggesting that contemporary learners are more comfortable with technology than earlier generations. This idea has influenced studies on technology integration in the classroom (Prensky, 2001). Mishra and Koehler developed the Technological Pedagogical Content Knowledge (TPACK) framework, emphasizing that effective use of educational technology depends on the interplay between teachers’ technology literacy, pedagogical strategies, and subject content (Mishra and Koehler, 2006).

According to Selwyn, technology should support meaningful educational goals rather than distract from them. By this, he highlighted that the actual impact of technology depends on how it is used (Selwyn, 2016). Bates also stressed the importance of well-designed digital learning environments, noting that technologies can im-

prove access to information, enhance student collaboration, and support different learning styles (Bates, 2019).

In addition to the studies mentioned above, Alimova highlights that the use of authentic materials in English language teaching helps learners interact with real-life language and improves their communicative competence. Authentic texts, videos, and multimedia resources create a more realistic learning environment. Furthermore, communicative language teaching activities help consolidate language skills and encourage active student participation (Alimova, 2019). Alimova also emphasizes that teaching English through English helps improve students' language proficiency and encourages more effective communication in the classroom. This approach promotes active participation and supports the development of practical language skills (Alimova, 2021).

In another study, Alimova emphasizes the importance of collaborative learning environments in improving teachers' professional qualifications and promoting effective interaction between teachers and students. The author notes that collaborative approaches supported by modern technologies can enhance communication and teaching effectiveness (Alimova, 2024).

This article is based on a combination of literature analysis and classroom observation of technology use in the modern learning process. Academic sources related to educational technology were reviewed to identify key concepts, theories, and practical strategies. The study of classroom practice involved examining how digital tools are applied in lesson activities, including students' participation, interactivity, and collaboration. A comparative approach was used to contrast traditional teaching methods with technology-enhanced instruction to understand the contributions and limitations of digital devices in education.

The integration of digital devices into classroom learning has become an essential element of modern education. These technologies provide teachers with a wide range of opportunities to design lessons in a more interactive, flexible, and engaging way. Digital tools enable teachers to move beyond traditional lecture-based lessons and encourage online collaboration, including interactive learning activities. For example, Kahoot and similar quiz platforms allow teachers to conduct formative assessments in real time. One of the most commonly used digital devices in classrooms is the smartphone. Although they were once viewed as distractions; smartphones are valuable educational tools. Educators can use smartphones together with Quizlet and similar apps for quick research tasks, interactive quizzes that improve students' vocabulary and critical thinking. Similarly, tablets and laptops play an important role in supporting digital learning. These devices allow learners to complete assignments, access online resources, and participate in collaborative projects. For instance, students can work together on digital documents, easily share online resources, even get online feedback. Such activities promote cooperation and encourage active engagement.

Interactive Smart Whiteboards are another important technological tool that enhance classroom interaction, by allowing teachers to present visual and multimedia content during the lesson. Videos, animations, diagrams, and presentations (PPT) can help improve students' comprehension. In addition, various online learning platforms such as Google Classroom provide an opportunity for organizing assignments, sharing materials, and monitoring students' progress. As a result, learning is no longer limited to the physical classroom, but also these tools support distance learning.

DISCUSSION

The integration of digital devices in modern lessons has shown several advantages for both teachers and students. One of the most noticeable benefits is the increase in student engagement and motivation. Interactive tools such as Kahoot, Quizlet, and Google Classroom allow students to participate actively in lessons, receive immediate feedback, and working collaboratively with peers. For example, during a vocabulary lesson, students can complete an online quiz on Kahoot using their smartphones. They immediately see how well they performed, which motivates them to improve their performance.

Another important advantage is the development of digital literacy. By using digital devices in lessons, students learn not only the subject, but also essential skills for their future careers. They practice finding information from reliable sources, creating presentations, and com-

municating through collaborative platforms. As Bates writes, these skills are increasingly necessary for academic and professional success (Bates, 2019). However, there are also some challenges, related to technical issues. Many teachers face technical difficulties, such as poor internet connection or limited access to devices. Students may also get distracted by social media during lessons. Moreover, technology integration requires teachers to receive proper training, as without pedagogical guidance, digital devices can become less effective (Selwyn, 2016). To maximize the benefits, teachers need to balance interactive digital activities with traditional teaching methods, making sure that devices should support learning objectives, not replace them. Planning and clear classroom rules for device use are essential to maintain focus and achieve educational goals.

RESULTS

The study shows that lessons integrating digital devices are more interactive and student-centered compared to traditional methods. Students are more active, respond to questions, and engage in collaborative tasks. For example, in lessons using shared Google Docs, students worked together to write short essays, give feedback, and edit each other's work in real time. This not only improved their writing skills, but also enhanced teamwork and communication.

Digital devices also help to differentiate instructions. Teachers can provide materials in various formats – text, audio, video, images, quizzes – that student with different learning styles can understand the topic effectively. Multimedia resources make the learning process easier, helping students to gain information and use it in practice.

Overall, the results suggest that the careful use of digital devices enhance lesson effectiveness of lessons, increases student motivation, encourages active learning, and develops essential digital skills. While challenges remain, such as limited access to the Internet and devices, the benefits of technology integration outweigh these difficulties when applied carefully.

CONCLUSION

In conclusion, digital devices have become an important part of modern education and offer significant opportunities for improving the quality of teaching and learning. When used strategically, technologies such as smartphones, laptops, tablets, and interactive whiteboards can create more engaging and interactive lessons that encourage students' participation and collaboration. However, the successful integration of digital technologies requires careful planning and teacher training. It is essential for educators to balance traditional teaching methods with innovative digital approaches in order to create a well-structured learning environment. Future studies could examine how teacher training in technology integration influences teaching practices and explore the long-term impact of continuous digital device use on students' learning outcomes.

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