TYPES OF EDUCATIONAL TECHNOLOGY: THE PROS AND CONS OF USING TECHNOLOGY IN THE CLASSROOM

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ABSTRACT

This article deals with the arguments "for" and "against" the use of modern technology in English language classes. The authors have analyzed the using of modern technologies in English classes contributes to the achievement of a high level of development of foreign language information and communication competence and better memorization of the studied material. Emphasis is placed on the creative nature of the considered educational technologies that contribute to the creation of a teaching language environment including in its space all teachers striving for a creative search for self-expression and self-development. *The main purpose of the research* is to facilitate the work of the teacher and improve the quality of his/her activities to a level corresponding to modern standards. In this article, we give advice on how to use interactive teaching methods, including in lessons different types of educational, experimental activities. According to its purpose, *the following tasks* are set in scientific reseach work: improving the quality of education of students, improving the professional level of a teacher, diversity of forms of interpersonal communication of all participants in the educational process. To solve these issues, the following *research methods* are used: theoretical and comperative analysis. The information, provided in this article is based on an analysis of contemporary lessons conducted in several educational centers. *The following results were obtained:* development of creative opportunities and abilities of students, creation of conditions for self-education, increased productivity in lessons, acquisition of real experience of intercultural communication, development of the ability to navigate in a modern foreign-language information environment.

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TƏHSİL TEXNOLOGİYALARININ NÖVLƏRİ VƏ SİNİFDƏ TEXNOLOGİYADAN İSTİFADƏNİN ÜSTÜNLÜK VƏ ÇATIŞMAZLIQLARI

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ANNOTASİYA

Bu məqalədə ingilis dili dərslərində müasir texnologiyaların istifadəsinə dair "lehinə" və "əleyhinə" olan arqumentlər araşdırılır. Müəlliflər təhlil etmişlər ki, ingilis dili dərslərində müasir texnologiyaların tətbiqi xarici dil üzrə informasiya-kommunikasiya kompetensiyasının yüksək səviyyədə inkişafına və öyrənilən materialın daha yaxşı yadda saxlanmasına kömək edir. Diqqət, nəzərdən keçirilən təhsil texnologiyalarının yaradıcı xarakterinə yönəldilir ki, bu texnologiyalar öz məkanına özünüifadə və özünüinkişaf üçün yaradıcı axtarışa can atan bütün müəllimləri daxil edən tədris dil mühitinin yaradılmasına şərait yaradır. *Tədqiqatın əsas məqsədi* müəllimin işini yüngülləşdirmək və onun fəaliyyətinin keyfiyyətini müasir standartlara uyğun səviyyəyə qaldırmaqdır. Bu məqalədə interaktiv tədris metodlarından istifadə ilə bağlı, o cümlədən dərslərə müxtəlif növ tədris və eksperimental fəaliyyətlərin daxil edilməsinə dair tövsiyələr veririk. Öz məqsədinə uyğun olaraq elmi-tədqiqat işində *aşağıdakı vəzifələr müəyyən edilir*: tələbələrin təhsilinin keyfiyyətinin yüksəldilməsi, müəllimin peşəkar səviyyəsinin artırılması, təhsil prosesinin bütün iştirakçılarının şəxslərarası kommunikasiya formalarının müxtəlifləşdirilməsi. Bu məsələlərin həlli üçün *aşağıdakı tədqiqat metodlarından istifadə olunur*: nəzəri və müqayisəli təhlil. Bu məqalədə təqdim olunan məlumat bir neçə təhsil mərkəzində keçirilmiş müasir dərslərin təhlilinə əsaslanır. *Aşağıdakı nəticələr əldə edilmişdir*: tələbələrin yaradıcı imkanlarının və bacarıqlarının inkişafı, özünütəhsil üçün şəraitin yaradılması, dərslərdə məhsuldarlığın artırılması, mədəniyyətlərarası kommunikasiyanın real təcrübəsinin qazanılması, müasir xarici dil informasiya mühitində istiqamətlənmə bacarığının inkişafı.

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ТИПЫ ОБРАЗОВАТЕЛЬНЫХ ТЕХНОЛОГИЙ: ПЛЮСЫ И МИНУСЫ ИСПОЛЬЗОВАНИЯ ТЕХНОЛОГИЙ В КЛАССЕ

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Ключевые слова:

АННОТАЦИЯ

В данной статье рассматриваются аргументы «за» и «против» использования современных технологий на занятиях английского языка. Авторами проанализировано, что использование современных технологий на уроках английского языка способствует достижению высокого уровня развития иноязычной информационно-коммуникационной компетенции и лучшему запоминанию изучаемого материала. Акцент ставится на творческом характере рассматриваемых образовательных технологий, которые способствуют созданию обучающей языковой среды, включающей в своё пространство всех педагогов, стремящихся к творческому поиску само выражения и саморазвития. *Основная цель* исследования - облегчить работу преподавателя и повысить качество его/её деятельности до уровня, соответствующего современным стандартам. В данной статье мы даём рекомендации по использованию интерактивных методов обучения, включая включение в уроки различных видов образовательной, экспериментальной деятельности. В соответствии со своей целью в научно-исследовательской работе ставятся *следующие задачи*: повышение качества образования учащихся, повышение профессионального уровня преподавателя, разнообразие форм межличностного общения всех участников образовательного процесса. Для решения этих вопросов используются *следующие методы исследования*: теоретический и сравнительный анализ. Информация, представленная в данной статье, основана на анализе современных уроков, проведённых в нескольких образовательных центрах. Были получены *следующие результаты*: развитие творческих возможностей и способностей учащихся, создание условий для самообразования, повышение продуктивности на уроках, приобретение реального опыта межкультурной коммуникации, развитие способности ориентироваться в современной иноязычной информационной среде.

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1.Introduction

English is regarded as a foreign language in Azerbaijan. English language is taught as a subject in almost every secondary school throughout the country and in the universities. After gaining its independence in 1991 Azerbaijan started actively integrating to the world society where English was the language of politics, trade, diplomacy, and military. The armed forces of Azerbaijan Republic started participating in peacekeeping operations and missions conducting in Kosovo, Iraq, and Afghanistan. Every year the military personnel of Azerbaijan's MOD take part in a wide range of NATO activities such as trainings, seminars, workshop and conferences. For this reason, English is studied in all military institutions including the military lyceum, Academy and National Defense University. The partnership and language center established in 2015 organizes short and long-term intensive courses to foster the military's language competences. The military personnel have lots of academic hours of learning English language and opportunities to study it in military schools. All the military institutions have been equipped with all the necessary brand new technologies. However, using the groundbreaking technology has its advantages and disadvantages. Today my colleagues and I have an opportunity to use the latest technological trends in teaching. There are four labs in our National Defense University, where our students can improve their listening skills and watching the authentic video materials. A variety of teaching techniques is available to teach properly via new technologies nowadays. In order to integrate technology into education successfully the teacher has to have certain skills and capabilities.

Many people attribute the increase of technology in the classroom as being a by-product of the pandemic, but this is technically untrue. Long before the pandemic, teachers were utilising interactive whiteboards, digital homework hosting applications, and even online quizzes that learners can participate in by using their phones. Slowly but surely, teachers and learners were realising the potential of technology in the classroom.

However, the pandemic did play a significant role in speeding up the process. The transition from in-person learning to online meant learners had to use technology such as virtual meeting rooms and homework applications to contribute to their lessons. In a way, this highlighted the immense potential of educational technology - learners from across the globe could dial into the same lesson, complete the same work and achieve great results from their computer.

But the success of online learning doesn't detract from the importance of in-person learning. Relying on resources at home to participate in lessons resulted in a widening of the socioeconomic gap in the classroom - learners with more up-to-date technology at home found it easier to manage their own learning, while some students initially did not own a computer of their own. As well as this, online learning removed some of the opportunities for teacher-student interaction - a learner who receives high-quality conversation at home through supportive parents and guardians will have much better outcomes working remotely than a learner without access to these high-quality encounters.

The outcomes of online learning in the pandemic have highlighted that educational technology has an important role to play in modern day education, but that it does not replace in-person learning. While some learners may thrive in a remote learning environment, in-person learning has the potential to close language gaps and equip learners of all backgrounds with the skills they need to thrive. In order to harness the benefits of educational technology without compromising the benefits of in-person learning, teachers must strike a balance between explicit instruction and utilizing educational technology to increase outcomes.

What teachers should consider when implementing educational technology

Types of educational technology

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- Interactive whiteboards
  o One of the earliest types of educational technology to be introduced to classrooms was the SMART board. SMART boards let teachers retain all the instructional control of a regular lesson, while facilitating them to navigate content and create diagrams/examples easily.
- Mobile quizzes
  o Another common use of educational technology before the pandemic was mobile quizzes, where learners were able to join a whole-class quiz from their phones. This allowed learners to compete with their classmates while helping teachers gauge whether knowledge has been understood.
- Remote classrooms
  o Made essential during the pandemic, remote classrooms allow learners to join a virtual meeting with their classmates and attend lessons without coming to the classroom. Not only did this facilitate learning during the pandemic, but it removed barriers for learners with disabilities and additional educational needs, helping them participate in lessons where they might otherwise be restricted.
- Homework applications
  o These applications allow teachers to set assignments for their learners and host responses. This increases transparency, as there is a clear understanding of the work and the deadline with limited chance for miscommunication. It also limits some of the mayhem of loose sheets of paper, making marking simpler and easier (and homework harder to lose!)
- Spell-check software
  o While some argue that using spell-checker software to edit written work does not give an accurate representation of learners' abilities, we must acknowledge the changing world around us. In the modern workplace, computers and spell-check software are used regularly to ensure written work is accurate; in some instances, it could be argued that spell-check software better reflects the world learners are preparing to enter, while allowing teachers to see clearly whether learners understand a concept, not whether they can spell it.
  o As well as this, spell-check software increases accessibility for learners with special educational needs, such as dyslexia.
- Online curricula
  o Some applications, such as Bedrock Learning, allow learners to access a personalised, algorithm-driven online curriculum. Technology has the capacity to personalize and optimise learning in a way teachers simply do not have the time to do, as well as saving teachers' time on marking. Online curricula have the ability to bridge the gap between learning in the classroom and learning at home, allowing learners to practise their work independently in an environment that suits them.
  o As well as this, some online curricula, such as Mapper, allow teachers to create their own bespoke curriculum using online content premade by subject specialists. This gives teachers the control they would have in their classroom while utilising the time-saving abilities of educational technology, striking a balance between the two mediums of learning.Pros.

  Therefore, using technology in classroom has become the biggest challenge for many teachers. As I mentioned above the using technology in class has its pros and cons so I will try to clarify these aspects in my mini research conducted through the observation in ELEC classes.

2.PROS

I will start with positive side, which is pros of using technical devices in the classroom. The main aims of these research project to discuss both the positive and negative aspects of

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technology. It has been reported that the advent of new technology has a positive influence on both learners and teachers. Researchers have demonstrated that technology boots the development of teaching methods as well as students' knowledge. Lam and Lawrence [2002] claim that technology provides learners with regulation of their own learning process and easy access to information the teacher may not be able to provide. Technology is very much part of language learning throughout the world at all different levels.

First of all technology in the classroom allows the teachers to experiment new methods and in the classroom and better engage students. Why students are easily engaged in the activities conducted by means of technology in the classroom? Because they have grown up with technology. Today students are digital natives. So a good teacher uses this opportunity properly. Technology allows for more active learning. Teacher can increase engagement through online polling or asking quiz questions during the lesson.

Secondly, technology in the classroom helps ensure full participation. Online polling and other tools help to engage all students Including shy students who wouldn't normally raise their hands in class. Online engagement system allows teacher to regularly check in with students for feedback on course materials. Moreover, with technology in the classroom students have instant access to fresh information that can supplement their learning experience. There is value in having textbooks and course materials that are always up to date, which even include additions suggested by students. This also fosters a more learning environment; students networked together on online, can share information, work together on group projects and interact with the teacher. One of the main advantages of having an access go to Internet in the classroom is that it has countless resources for enhancing education and making learning process more fun and creating presentations, learning to differentiate reliable from unreliable sources on the Internet are all vital skills that students can learn in the classroom via using technical devices is another privilege for students and teachers to benefit. Finally, technology use is the encouragement of collaboration and communication in learning activities. According to Gillespie [2006] new technology enables students to collect information and interact with resources, such as images and videos. Murphy [2006] states that the Internet can serve not only as a reference source, but also as a means of communication. In addition learners can get in touch with their peers from other schools, experts in the field and members of interest groups.

3.CONS

Apart from having positive impact on teaching process, technology has negative sides about what I am going to write. Although we live in a digital world and technology is a life skill in many cases it badly influences on teaching. The first but not the least cons of technology is that it can be distracting and even foster cheating. Mark Warschauer, professor of education and information at the University of California says "technology can be a distraction. I remember observing a beginners' French Class A number of years ago, the teacher bragged about how engaged the learners were in creating multimedia in French. However the students were spending most of their time and energy talking with each other in English about how to make Power Points, when, as beginning learners, they really needed to be spending time hearing as much French as possible".

To my mind, the wide usage of technology can result in forgetting the basic ways of studying. When the students use the technical devices to accomplish their homework assigned to them they don't use their mind at all or they use their computer skills. Computers reduce the creativity of students, because students have become dependent on them. When the students write something, the computers automatically correct the errors but they cannot influence on the meaningfulness of ideas. Computers don't teach punctuation, paragraphs and verbs or nouns. A computer can auto correct a wrong word, but the best job must be done with paper and pen. Computers can also inhibit the people's come communicative

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skills. That is one of the major problems in the modern societies, the lack of communication among the young generation.

Another crucial issue is that not all they have equal access to technological resources. Some students can't afford iPads required to class. A teacher doesn't have to make technology the focus of the class, shouldn't make it barrier. Technological devices and Internet has changed the means of learning. Traditional methods of education are no longer the norm and now technology is root for almost all the lessons taught or methods of education. I know from my teaching experience that sometimes it's vital to explain English grammar in comparison with native language's grammar especially for those who are bilingual.

I'd like to continue with the importance one piece of technology which is projector. Rather than writing notes across a board, teachers can make use of Power Point presentation. Images, films as teaching tools through the use of projection.

In the ELEC classes I observe the instructors use projectors widely. Projectors enable teachers to create Power Point presentation, highly organized notes for the class.

Students can ask teacher to repeat a slide if they missed information. With the use of projectors, teachers can use films, slides, images to teach students about the world and places they have never seen and can't imagine. They can help teacher's better use of class time. By using projectors teacher can more easily prepare all notes prior to class for easy presentation. they may also find that they spend less time repeating or rewriting Information that is now accessible with one a simple click.

4.Conclusion

It's become obvious that the benefits outweigh the cons, but the key to technology in the classroom is always going to be the teacher-student relationship because that's where the education happens. Technology can be a highly effective tool, but that's all it is - a tool. In today's hyper-connected world, sensible use of technology can enhance education. Technology is not meant to replace the teacher. The idea is to create flexible learning environment that breeds innovation. It can be frustrating and time consuming but in the end, technology in indication can open doors to new experiences, new discoveries and new ways of learning and collaboration.

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