

REVOLUTIONIZING LANGUAGE LEARNING: THE ROLE OF DIGITAL TRANSFORMATION IN LANGUAGE EDUCATION

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Abstract: The digital transformation of language learning has revolutionized the way we learn languages, making it more accessible, flexible, and personalized. By leveraging the benefits of digital transformation and addressing its challenges, we can create a more effective and engaging language learning experience for learners of all ages and backgrounds.

Key words: *Digital transformation, language learning, online language courses, mobile language learning apps, multimedia learning materials, collaborative learning platforms, gamification, language teachers.*

TIL O'RGANISHDAGI ASOSIY O'ZGARISHLAR: TIL TA'LIMIDA RAQAMLI TRANSFORMATSIYANING ROLI

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Annotatsiya: Til o'rganishning raqamli transformatsiyasi tillarni o'rganish uslubimizni tubdan o'zgartirib, uni yanada qulayroq, moslashuvchan va shaxsiylashtirilgan holga keltirdi. Raqamli transformatsiyaning afzalliklaridan foydalanish va uning muammolarini hal qilish orqali biz barcha yoshdagi o'quvchilar uchun yanada samaraliroq va qiziqarli til o'rganish tajribasini yaratishimiz mumkin.

Kalit so'zlar: *Raqamli transformatsiya, til o'rganish, onlayn til kurslari, mobil til o'rganish ilovalari, multimedia o'quv materiallari, hamkorlikda o'rganish platformalari, geymifikatsiya, til o'qituvchilari.*

КОРЕННЫЕ ИЗМЕНЕНИЯ В ИЗУЧЕНИИ ЯЗЫКОВ: РОЛЬ ЦИФРОВОЙ ТРАНСФОРМАЦИИ В ЯЗЫКОВОМ ОБРАЗОВАНИИ

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Аннотация: Цифровая трансформация изучения языков произвела революцию в том, как мы изучаем языки, сделав их более доступными, гибкими и персонализированными. Используя преимущества цифровой трансформации и решая связанные с ней проблемы, мы можем создать более эффективный и увлекательный процесс изучения языка для учащихся любого возраста и происхождения.

Ключевые слова: *Цифровая трансформация, изучение языков, языковые онлайн-курсы, мобильные приложения для изучения языков, мультимедийные учебные материалы, платформы для совместного обучения, геймификация, учителя иностранных языков.*

Introduction

Language learning has long been an essential component of education, and with globalization and the growing need for cross-cultural communication, the demand for language education has only increased. With the advent of digital transformation, language learning has undergone a significant shift, allowing learners to access new and innovative ways of learning a new language. From online courses to language-learning apps, digital technology has made language learning more accessible, flexible, and personalized than ever before.

Digital transformation in language education is not just about using technology to deliver content, but it is also about reimagining how we teach and learn languages. With the help of digital technology, educators can create more engaging and interactive learning experiences, provide personalized feedback, and measure learning outcomes more effectively. This has the potential to revolutionize the way we approach language education, making it more effective, efficient, and accessible to a wider range of learners.

One of the most significant benefits of digital transformation in language education is its ability to make language learning more accessible. Traditional language-learning programs often require learners to attend classes at a physical location, which can be challenging for individuals with busy schedules, geographic constraints, or disabilities. With digital technology, learners can access language learning materials from anywhere in the world, at any time, using a range of devices, including smartphones, tablets, and computers. This has the potential to democratize language education, making it available to individuals who may not have had access to it in the past [1].

Main part

One of the most significant impacts of digital transformation on language learning is the availability of online language courses. Online language courses offer

learners the flexibility to learn at their own pace and from the comfort of their own homes. Online language courses are also often more affordable than traditional classroom courses.

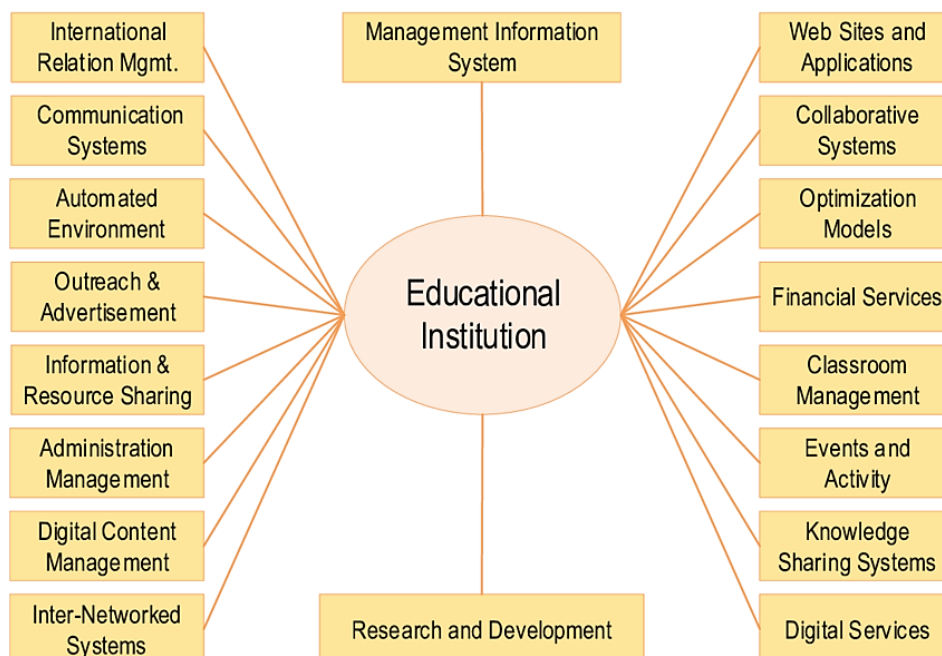
Online language courses also offer a wide range of learning materials, including interactive exercises, videos, and quizzes. These materials are often personalized to the learner's level and goals, making the learning experience more engaging and effective.

Mobile language learning apps have made language learning more accessible than ever before. With mobile language learning apps, learners can learn anytime, anywhere. These apps offer a range of features, including vocabulary lists, interactive exercises, and language games [2].

Mobile language learning apps are also often personalized to the learner's level and goals, making the learning experience more efficient and effective. Some mobile language learning apps also offer speech recognition technology, allowing learners to practice their pronunciation and speaking skills.

Digital transformation has also led to the creation of multimedia learning materials. These materials include videos, podcasts, and interactive exercises. Multimedia learning materials are often more engaging than traditional textbooks, and they can help learners improve their listening and speaking skills [3].

Multimedia learning materials are also often personalized to the learner's level and goals. For example, learners can choose to watch videos or listen to podcasts that are relevant to their interests or goals (1 picture) [4].



Picture 1. Educational institutions

Digital transformation has also led to the creation of collaborative learning platforms. These platforms allow learners to collaborate with other learners and teachers, making the learning process more dynamic and interactive. Collaborative

learning platforms also offer a range of features, including discussion forums, group projects, and peer feedback.

Collaborative learning platforms also allow learners to receive feedback and support from teachers and other learners. This can help learners improve their language skills more quickly and effectively.

Digital transformation has also led to the gamification of language learning. Gamification involves the use of game elements, such as points, badges, and leaderboards, to motivate learners and make the learning experience more engaging.

Gamification can help learners stay motivated and engaged, as they are rewarded for their progress and achievements. Gamification can also make language learning more fun and enjoyable, leading to better learning outcomes [5].

Digital transformation has also had a significant impact on language teachers. Digital tools and resources have changed the way teachers teach, making their roles more dynamic and multifaceted. Teachers can now access a wide range of digital resources and tools to enhance their teaching, such as online courses, multimedia materials, and collaborative platforms.

One of the most significant impacts of digital transformation on language teachers is the ability to collaborate with other teachers and learners. Collaborative platforms allow teachers to share ideas and resources with each other, making the learning process more effective and efficient. Teachers can also collaborate with learners, providing feedback and support to enhance the learning experience [6].

Digital tools have also made it easier for teachers to personalize their teaching methods. By using digital resources and tools, teachers can create customized lesson plans and assessments that are tailored to the learner's needs and preferences. This ensures that learners are more engaged and motivated.

Motivated learners are more likely to achieve their language learning goals and become proficient in the language they are studying.

Digital transformation has also made it easier for teachers to track and monitor learners' progress. Online language courses and mobile language learning apps often include tracking and monitoring tools that allow teachers to assess learners' performance and provide feedback. This feedback can help learners identify their strengths and weaknesses and improve their language skills [7].

While digital transformation has revolutionized language learning, it has also presented some challenges. The following are some of the challenges of digital transformation in language learning:

With the proliferation of online language courses and mobile language learning apps, there is a concern about the quality of the content. Not all digital resources are created equal, and some may not be accurate or effective in helping learners achieve

their language learning goals. It is essential to ensure that digital resources are of high quality and aligned with recognized language learning standards (2-picture) [8].

Comparison between teachers' and students' use of digital technologies.

Construct	Students MS	Teachers MS	Criteria
General purposes	3.84	4.14	High
Listening	3.69	3.94	High
Speaking	3.89	3.94	High
Writing	3.89	3.93	High
Vocabulary	3.95	4.13	High
Reading	3.60	3.67	Moderate

2-picture. Comparison between teachers' and students' use of digital technologies

One of the drawbacks of online language courses and mobile language learning apps is the lack of personal interaction. Language learning is a social activity, and learners benefit from interacting with teachers and other learners. While collaborative learning platforms can help address this issue, they cannot replace the value of face-to-face interaction [9].

Digital transformation relies on technology, and technology can sometimes fail. Technical issues, such as internet connectivity problems or software glitches, can disrupt the learning experience and lead to frustration for learners and teachers.

Digital transformation has made language learning more flexible, but it has also placed more responsibility on learners. Learners need to have self-discipline and motivation to engage with digital resources and complete online courses. Some learners may struggle with self-discipline and require additional support from teachers or peers [10].

Conclusion

Digital transformation has revolutionized language learning, making it more accessible, flexible, and personalized. Online language courses, mobile language learning apps, multimedia learning materials, collaborative learning platforms, and gamification have all contributed to the digital transformation of language learning.

Digital transformation has also impacted language teachers, making their roles more dynamic and multifaceted. Teachers can access a range of digital resources and tools to enhance their teaching, collaborate with other teachers and learners, and personalize their teaching methods.

However, digital transformation has also presented some challenges, such as the quality of content, lack of personal interaction, technology issues, and the need for self-discipline.

Overall, digital transformation has had a significant impact on language learning, and it will continue to shape the way we learn languages in the future. By leveraging the benefits of digital transformation and addressing its challenges, we can create a more effective and engaging language learning experience for learners of all ages and backgrounds.

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