A Study on the Application of Intelligent Teaching Platforms in College English Teaching

Luqiao Luo

School of Foreign Language, Qingdao City University, Qingdao 266106

Abstract: The purpose of this paper is to introduce the background and significance of the application of intelligent teaching platform in college English teaching, to explore the integration of intelligent teaching platform in English teaching, and to analyze its impact on teaching practice and students' learning outcomes. This paper provides insights into the transformative role of these technologies in fostering personalized and adaptive learning experiences.

Keywords: Intelligent Teaching Platforms; College English Teaching; Learning Experiences

Introduction

Intelligent teaching platform is an educational technology application tool that uses artificial intelligence and computer technology, combines teaching theory and teaching practice, and provides students with personalized learning support and teachers' teaching assistance through intelligent, personalized and adaptive teaching mode.With the rapid development of information technology and the rapid progress of artificial intelligence, intelligent teaching platform has been widely used in college English teaching.

The application effect of intelligent teaching platforms in college English teaching is significant. The research shows that the intelligent teaching platform can improve students' learning enthusiasm and enthusiasm, and stimulate students' interest in learning.Students can participate in rich and diverse learning activities through the intelligent teaching platform, such as class discussion, team cooperation, and assignment submission, cultivating their cooperative spirit and innovation ability.

1. The Background and Significance of the Application of Intelligent Teaching Platforms in College English Teaching

1.1 The background of the application of intelligent teaching platforms in college English teaching

The application of intelligent teaching platforms in college English teaching has a profound background. With the continuous development of technology, intelligent teaching platforms have gradually become an important part of modern education, bringing convenience and efficiency to teaching and learning.

The rapid development of information technology provides strong technical support for the application of intelligent teaching platform in college English teaching. With the continuous improvement of computer technology and network technology, intelligent teaching platform has gradually become more and more advanced and intelligent.They can not only provide convenient course management, but also have powerful learning analysis and feedback functions, which can help teachers better understand students' learning status and needs, and improve teaching efficiency. Besides, with the popularity of mobile Internet, people's learning and living habits have also changed. More and more students like to use mobile devices for learning, and intelligent teaching platform can better meet the needs of students for mobile learning. They can provide students with convenient, anytime and anywhere learning resources and services, improve students' learning efficiency, and promote the popularization and application of mobile learning.

1.2 The significance of the application of intelligent teaching platforms in college English teaching

The application of intelligent teaching platforms in college English teaching has varied significance. First, it can effectively improve the efficiency of teaching and learning.Intelligent teaching platforms provide convenient course management, powerful learning analysis and feedback functions, which can help teachers better understand students' learning status and needs, and improve teaching efficiency.

Second, it can better promote students' autonomous learning and thinking ability. Intelligent teaching platforms provide students with a variety of learning resources and services, allowing students to choose according to their own interests and needs, and promote students' active and independent learning.

Third, it can promote the popularization and application of mobile learning. With the popularity of mobile Internet, more and more students like to use mobile devices to learn. Intelligent teaching platforms provide convenient, anytime and anywhere learning resources and services, which can meet students' needs for mobile learning, promote the popularization and application of mobile learning, and make education more inclusive and accessible.

2. The Integration of Intelligent Teaching Platforms in English Language Education

2.1 The current use of the integration of intelligent teaching platforms in language learning

Robert J. Blake said, "Technology integration in teaching and learning is an area of concern, interest, and discovery for many educators and administrators at all levels for multiple reasons, from enrollment management to enhanced learner engagement. The field of language learning is no exception, and guidance for those willing to explore various technologies is desirable. " (2013)

With the advancement of technology, the application of intelligent teaching platforms in English language education is becoming increasingly widespread.These platforms utilize advanced technology to provide students and teachers with a richer and more personalized learning experience.

Firstly, intelligent teaching platforms can provide a massive amount of learning resources. Students can independently choose suitable learning materials based on their own needs and interests. At the same time, these platforms also have intelligent recommendation functions, which can recommend suitable learning resources based on the learning situation of students, helping them better improve their learning efficiency.

Additionally, the intelligent teaching platform also provides teachers with rich auxiliary tools. Teachers can use these tools to better manage their courses, understand the learning situation of students, and conduct online Q&A. These tools can help teachers improve work efficiency and better meet the learning needs of students. For example, teachers can use some online games to attract students' attention and increase the fun of the classroom. "Tech-savvy teachers have also begun to embrace children's interest in digital play creating language learning opportunities through the use of computer games within an educational context - this is sometimes known as digital games-based learning (DGBL)." (Motteram 2013: 18)

2.2 The aspects to pay attention to when using intelligent teaching platforms in English language education

According to P. Hubbard, "In recent years, the range and complexity of both language learning technology and the environments in which learners utilize it have become more central factors in language education. Given the already stunning–and growing–number of technological options for language learning, teachers working with both established and emerging applications for learning tasks and activities face the problem of how their students can use them most effectively." (2013)

When integrating intelligent teaching platforms into English language education, there are several key factors that need to be noted.

Firstly, it is important to ensure the quality and diversity of learning resources provided by the platform. English language learning requires a lot of input and practice, therefore, platforms should provide rich learning materials, such as texts, listening materials, videos, and audio.

Secondly, the platform should have intelligent learning support functions. This means that the platform should be able to provide customized learning paths and recommendations based on learners' English proficiency and individual needs.In addition, the platform should also have intelligent evaluation and feedback functions so that learners can keep abreast of their learning progress and areas for improvement.

Thirdly, teachers should play an active role in the integration of intelligent teaching platforms. Teachers should, with the help of the platform, develop learning plans for students, provide learning resources and guidance, and monitor their learning progress.

Finally, it should be noted that although intelligent teaching platforms bring new opportunities for English language education, they

cannot completely replace the traditional face-to-face teaching methods of teachers. In English language education, the role of teachers is not only to provide knowledge, but also to guide, supervise, and encourage learners. Therefore, this factor should be fully considered when integrating intelligent teaching platforms to ensure that learners receive comprehensive and effective learning support.

3. Case Analysis of Intelligent Teaching Technology Application in the English Classroom

3.1 Case analysis of intelligent teaching technology application in English reading teaching

Teachers use the intelligent English reading teaching platform based on advanced artificial intelligence technology to provide students with personalized reading materials and learning suggestions. Firstly, students can log in this platform to finish basic reading ability test. Then the platform recommends suitable reading materials and difficulty levels for students based on test results. When students start reading, the platform monitors their reading speed and understanding level in real-time, and intelligently adjusts the difficulty and content of subsequent reading materials based on their performance. If they encounter new words or difficult sentences during the reading process, they can directly search or learn on the platform, which will provide detailed explanations and example sentences for students. Teachers regularly review students' learning reports, understand students' reading progress and mastery, and develop personalized teaching plans for different students based on the reports. At the end of the semester, the platform generates a comprehensive assessment report on students' reading ability for students and teachers to refer.

3.2 Case analysis of intelligent teaching technology application in English listening teaching

Teachers can use artificial intelligence teaching technology in English listening classes. Students can use it primarily to do shadowing, improve pronunciation accuracy, and record the pronunciation, laying the foundation for future pronunciation modifications. Additionally, students love to participate in the dubbing activity, which can stimulate students' interest in learning and change the pronunciation and intonation of college students. College English teachers can combine the specific content of teaching materials to help students practice interesting dubbing, so as to correct their English pronunciation, and English listening can be improved unconsciously. The third is to use artificial intelligence technology for data analysis.In order to improve students' English listening ability, it is necessary to identify the emphases and difficulties in listening skills. Through data analysis, targeted listening exercises are carried out for students to help them overcome the weak links of relevant knowledge points and achieve the purpose of accurate guidance.

Conclusion

In summary, intelligent teaching platforms have important value and application significance in college English teaching. However, in practical applications, there are still some problems and challenges that require further in-depth research and exploration. Only by constantly innovating and perfecting the design and function of intelligent teaching platform can it play a better role in college English teaching and improve students' learning effect and quality.In the future, we should pay attention to the training and guidance of teachers and students, strengthen the sharing and integration of various educational resources, and promote the wide application and effective development of intelligent teaching platform in college English teaching.

References

[1] Blake, Robert J. Brave New Digital Classroom: Technology and Foreign Language Learning. Washington D.C.: Georgetown University Press, 2013.

[2] Motteram, Gary. Innovations in Learning Technologies for English Language Teaching. London: British Council, 2013.

[3] Hubbard, P. Making a Case for Learner Training in Technology Enhanced Language Learning Environments. CALICO Journal, 30(2), 163-178, 2013.