On the Effectiveness of College English Teaching in the Context of Intelligent Learning

Junling Yu

College of Foreign Languages, University of Shanghai for Science and Technology, Shanghai, 200093, China

wendysunwater@126.com

Keywords: Intelligent Learning Environment, College English Teaching, Connotation and Characteristics, Effectiveness Improvement.

Abstract: This paper first explains the basic connotation and characteristics of the intelligent learning environment, and on this basis, respectively, from the establishment of goals, stimulate students' learning motivation; pay attention to differences, explore correct learning methods; strengthen guidance, improve the ability of using the network; build bridges, promote learning cooperation and exchange; actively guide, reasonably use network resources and other aspects, put forward the intelligent learning environment the way to improve the effectiveness of College English teaching. In order to improve the efficiency and quality of College English teaching and meet the learning needs of contemporary college students.

1. Introduction

College English teaching should pay attention to the effectiveness of learning, take efficient teaching as the main focus, and take the improvement of teaching efficiency and quality as the starting point of College English teaching reform. In 2007, the Higher Education Department of China issued the College English teaching curriculum regulations, which clearly proposed to build a "network + Classroom Based College English teaching mode", that is, to make full use of network technology and resources to further expand the teaching content[1]. The College English course teaching guide issued in 2015 and the key work content of the whole year formulated by the education department in 2016 both talk about the intelligent education environment, emphasize the deep combination of network information technology and subject courses, and pay attention to the course sharing and application of online and offline combination. It points out the right direction for the innovation of College English teaching idea and mode under the intelligent learning environment. Therefore, College English teaching should focus on how to use the intelligent learning environment, effectively enhance the effectiveness of teaching, and improve students' autonomous learning ability.

2. The Basic Connotation and Characteristics of Intelligent Learning Environment

2.1. Connotation

Intelligent learning is the inevitable trend of the progress of network information technology. Based on the cutting-edge learning theory and relying on a variety of intelligent technologies, it can effectively identify students' personality characteristics, sense their learning status, provide students with a large number of learning resources and good learning experience, integrate learning communities, and it is an intelligent learning environment that can promote students' efficient learning and development[2]. Intelligent learning environment pays more attention to students' characteristic and independent learning. Learning situation has strong flexibility and perception. It can record and track students' learning process, collect and comprehensively analyze learning behavior data, and emphasize diversified learning.

2.2. Characteristics

Intelligent learning can accurately sense students' learning activities, identify their learning time, place, etc., and recommend targeted learning content and learning community for students in combination with learning topics.

Intelligent learning environment can make use of the functions of behavior capture and emotion calculation to record students' performance in autonomous learning and collaborative learning in detail, analyze the learning process and results comprehensively, make clear the characteristics of students in various aspects such as knowledge level, learning demands and learning mode, and build student model. Then, according to the model, an objective and comprehensive evaluation is given to provide students with learning materials, learning guidance and other services in line with their individual characteristics.

Intelligent learning environment is a unique learning that can be sensed Learning situations build and connect learning communities so that students can use learning communities and classmates,Communicate and provide strong support for their cooperation and exchange.
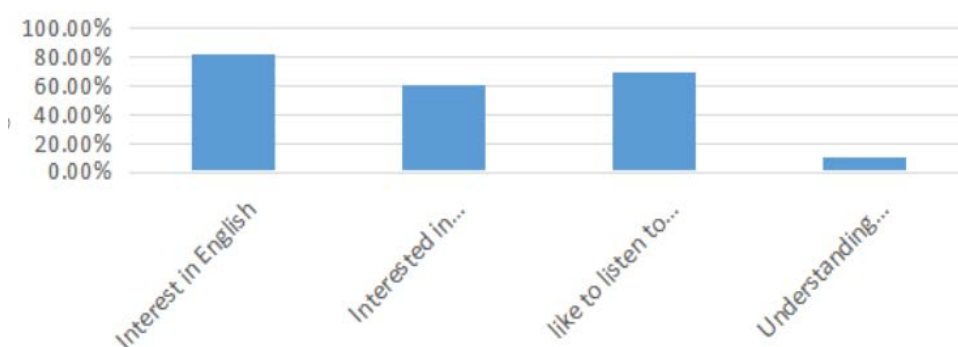

Figure 1 Statistics of junior high school students' English learning

The intelligent learning environment can use VR technology, 3D technology and other advanced technical means to imitate the scenes that can not be presented in classroom teaching[3]. so that students can fully integrate into it, so as to produce a more real and vivid learning experience.

3. How to Improve the Effectiveness of College English Teaching in the Context of Intelligent Learning

3.1. Establish Goals and Stimulate Students' Learning Motivation

College students have entered the mature stage of intellectual development and have a certain degree of learning awareness, but most of them have not yet set a reasonable English learning goal[4]. In the intelligent learning environment, college students have more autonomy in learning, and can arrange learning time and place according to their own actual situation. In this regard, English teachers should first help students to establish their English learning goals[5]. According to students' interests, hobbies and time, we should obtain targeted learning resources, scientifically arrange independent learning, cooperative learning and distance learning, and guide students to carry out learning anytime and anywhere. After completing a certain stage of learning tasks, we should timely supervise and evaluate the learning process of students according to the dynamic information records and feedback suggestions, so as to adjust and optimize the English learning objectives[6]. In addition, teachers should also provide students with scientific and detailed learning objectives, carefully design rich and colorful teaching activities, create specific problem situations, stimulate students' enthusiasm and motivation for learning, make full use of network technology, and present students with real scenes in daily classroom teaching. In this way, students can not only accumulate more learning experience, but also realize the fun of English learning, and actively participate in classroom activities, gradually understand and master language knowledge and application skills, achieve their learning objectives and improve teaching efficiency.

Table 1 Statistics of junior high school English learning

	Interest in English	Interested in Tourism English	like to listen to tourism English class.	Understanding that learning tourism English is conducive to employment
Percentage	82.10%	60.30%	70.10%	10%

3.2. Pay Attention to Differences and Explore Correct Learning Methods

There are great differences in learning objectives, learning plans, learning methods and learning characteristics among students. Teachers should train them according to their advantages. According to the learner model, the intelligent learning environment can analyze students' English learning style, current learning topics, cognitive characteristics, learning progress and learning ability, and then automatically push the required learning resources for them on this basis. For example, in the course of European history, students who receive visual channel information can get some videos or structure diagrams online[7]. Teachers can let these students tell each history they understand to students who receive auditory channel information, which can be explained in the way of Chinese + pictures. For the treatment of emotional style, teachers can guide the students who are good at independent thinking to think deeply about the topics discussed through practice, so as to promote the construction of students' knowledge and draw the frame chart of horizontal and vertical coordinates. For those students who like to discuss and communicate, teachers can organize them to study in groups, discuss within the specified time, and let the members of the group determine the content and direction of the expression independently. According to students' own learning style, the intelligent learning environment accurately records their learning process and learning dynamic information in detail, which provides convenience for students' individualized learning of English, at the same time, enables teachers to better understand their learning style, and then helps students to find the best learning method to achieve the common development of teaching and learning.

3.3. Strengthen Guidance and Improve the Ability of Network Application

The intelligent learning environment relies on a variety of advanced technologies and has a high level of technology, such as data mining technology, cloud computing, Internet of things technology, etc[8]. As the leader of teaching activities, teachers need to use advanced technology to fully grasp the characteristics and actual level of students' English learning, so as to develop personalized teaching programs, fully show the advantages of science and technology, and improve the effectiveness and quality of teaching. Colleges and universities should pay attention to and strengthen the training of College English teachers' network technology, actively provide them with more opportunities to go out for further study, so that teachers can understand the latest technology and its characteristics in time, and can skillfully use network technology to carry out teaching, improve their professional ability and quality, so as to fully reflect the guiding role of teaching and promote the progress of students' learning achievements[9]. From the perspective of students, they are the core of teaching activities. In the current intelligent learning environment, each student has an intelligent device. Only by skillfully using these devices, can we carry out English learning materials search, homework submission, online questions, teacher-student interaction and other related learning activities, and improve the efficiency of independent learning. Therefore, teachers should first provide students with intelligent learning guidance courses, assist students to understand the College English learning system in the intelligent learning environment, master various basic learning skills, and constantly improve their information literacy. At the same time, it is necessary to build a college English autonomous learning guidance website. Because there are some differences between students' English level, with the help of learning guidance website, students can be provided with practical and effective help to solve practical problems in time, which is conducive to cultivating their autonomous learning habits and laying a good foundation for the improvement of teaching effectiveness.

3.4. Build Bridges and Promote Learning Cooperation and Exchange

The relationship between teachers and students will directly affect the development of teaching activities. Therefore, College English teachers should attach great importance to this issue. Many college students' learning attitude depends on their understanding of the subject teachers. In view of this situation, College English teachers should strengthen the emotional communication with students, choose the targeted teaching content and reasonable teaching methods according to each student's personality characteristics and English learning ability, so as to continuously encourage students, stimulate their interest in learning and reflect the individualized teaching Principle. For the majority of students, we should also strengthen cooperation and communication in English learning. Smart learning environment can perceive students' English learning location, learning time and learning activities, recommend suitable learning content for them according to the theme, and build and connect learning communities so that students can discuss and communicate in learning communities. Students should actively use the powerful function of intelligent environment in English learning, actively interact with the community according to their own learning needs, and carry out independent learning in the form of group competition, thus forming a learning community. In the community, we should actively share and communicate with other students, and deepen our understanding of language knowledge in the course of mutual argument, so as to improve our learning efficiency and quality, ensure that we can complete the learning tasks and achieve the learning objectives within the specified time.

3.5. Active Guidance and Rational Use of Network Resources

There are a lot of learning resources in the network preservation system of intelligent learning environment, including not only common teaching materials, general knowledge, but also rich network resources and materials independently generated by students. After identifying students' learning ability and learning characteristics, they are presented to students in a diversified form according to push. In the process of their learning English knowledge, they should use these resources reasonably and really do To learn on demand. For example, some students are interested in social hot news and want to know more about foreign current affairs and politics. You can watch CNN programs based on recommendations, search for words and translations through the network platform, explore better topics for discussion, and then communicate with teachers and students in the classroom or on the network platform. For example, in online shopping, some students can understand the relevant common vocabulary by combining the pushed resources, or carry out virtual transactions in a special way. Both the buyer and the seller are students. For all kinds of foreign game websites, teachers should strengthen the supervision and guidance of students, so that they can write down the interactive content, screen out the wrong spoken language in each country, and then discuss it in groups. The group with the largest number of mistakes will win, and they will explain the mistakes in detail for the students. In addition, teachers can actively encourage students to actively participate in international exchange platforms such as altocchi, communicate with foreigners online, and exercise students' oral expression ability. With the help of abundant network learning resources and technologies, teachers should provide students with various learning activities.

4. Conclusion

The intelligent learning environment is mainly student-centered. The fundamental goal is to promote the development of students' learning ability and innovation awareness, and provide them with a more convenient, independent and diverse learning environment. The key point of College English teaching is to cultivate students' communication ability, innovation ability and information application ability. We should try our best to stimulate students' subjective initiative. We should also actively use network technology to speed up the construction and development of English teaching information, realize the deep integration of information technology and course teaching, make students develop self-learning more efficiently, and promote the continuous effectiveness of

College English teaching Promote.

Acknowledgements

References

[1] Yunhe, Pan. Connotation and Significance of Intelligent City Construction // Strategic Research on Construction and Promotion of China's Intelligent Cities, 2018.

[2] Xing-Guo, Yang. The Connotation, Characteristics and the Enlightenments of Emergency Literacy—Based on the Curriculum of Early Literacy in China, no. 11, pp. 16-18, 2017.

[3] Kang, Ouyang. Connotation, Characteristics and Functions of National Spirit. Springer Singapore, 2017.

[4] GUO, Renzhong., LIU, Jiangtao., PENG, Zifeng. Technologies Connotation and Developing Characteristics of Open Geospatial Information Platform. Acta Geodaetica Et Cartographica Sinica, vol. 41, no. 3, pp. 323-326, 2016.

[5] ZHENG, Xiang-qun., CHEN, Ming. Ministry of Agriculture. Theoretical Framework and Model Design for Beautiful Countryside Construction in China. Journal of Agricultural Resources & Environment, 2015.

[6] Çekmez, Erdem. Using Menelaus' Theorem and Dynamic Mathematics Software to Convey the Meanings of Indeterminate Forms to Students, vol. 11, no. 6, pp. 277-287, 2016.

[7] Chengying, Zhenhong, Dongmin,. Research on Influence Factors of Pig Farmers' Ecological Farming Behavior: Based on the TPB and SEM. Asian Agricultural Research, no. 2, pp. 19-27, 2016.

[8] Kun, Wang. Application of information technology in cultivating college english learning motivation // 2016 International Conference on Logistics, Informatics and Service Sciences (LISS). IEEE, 2016.

[9] Meisong, Tong., Guochun, Wan., Pengcheng, Wang. Work in progress: Dialectical relationship of lifelong learning and continuing education // 2015 IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE). IEEE, 2015.