

## Research on the Construction of Three-dimensional Teaching Model of English Course Based on Intelligence Teaching System

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**Abstract:** With the development of information technology, every industry inevitably merges with information technology, and then seeks new development opportunities to enhance the competitiveness of its own industry. Nowadays, with the rapid development of modern science and technology, how to combine modern educational technology with college English teaching organically and improve the quality of college English teaching is a problem worth exploring. Based on the theory of constructivism and the practice of college English teaching in recent years, this paper puts forward the construction ideas and implementation effects of the three-dimensional teaching system of college English, and also raises related issues that need attention in the construction. The introduction of the wisdom teaching system has brought new development opportunities to junior high school English listening and speaking classes. System hardware and software defects, tablet usage and control issues, teacher-student teaching, learning style transformation and adjustment issues have brought new challenges to this teaching model.

### 1. Introduction

With the increasing popularity of foreign language learning and the deepening of the understanding of learning motivation, more and more scholars have invested in the study of foreign language learning motivation, and a number of new theoretical research results have emerged [1]. The introduction of new methods such as interdisciplinary research has become a new direction of research [2]. The purpose of this study is to analyze the research results of Tablet computer and education at home and abroad, and carry out three rounds of action research in combination with specific teaching design cases, and summarize the general teaching mode of junior high school English listening and speaking course based on intelligent teaching system [3]. This has led to profound changes in educational ideas, teaching concepts, teaching modes, teaching contents, teaching methods and teaching means, and has also provided favorable support for the modernization of education. Under the network environment, teaching is no longer a single model centered on classroom and teachers, but a comprehensive teaching activity, which radiates outward with the help of multimedia and classroom teaching as the center. [4-6] It links classroom teaching with online tutoring, after-class self-study and extracurricular activities, and puts teachers' teaching, teachers' and students' communication, students' self-study and students' communication into a three-dimensional teaching system [7]. At the same time, under the mode of "choosing courses and walking classes", English teaching hours are less than those in traditional schools, teachers and students have less opportunities to meet, communication is relatively difficult, and students have more time to study by themselves. All these have become new problems in front of us. The previous English teaching mode has been unable to continue to implement. How to make good use of Tablet computers, expand teaching time and space, and improve teaching efficiency has become an urgent problem for schools and all English teachers.

With the continuous development of higher education today, relying on the development of modern educational technology, teachers have more means to impart knowledge and skills, and also have more teaching methods to organize students to learn language knowledge and develop their language skills [8]. As teachers, we must think about how to integrate various tools and school

curricula in the information society, and how to integrate students' learning experience with their real life [9]. In order to break the time and geographical constraints, so that students are more willing to participate in learning activities, and really improve learning efficiency. College English teaching practice in Colleges and universities across China has shown a situation of positive exploration and fruitful reform [10]. The new teaching mode should be supported by modern information technology, especially network technology, so that English teaching and learning can be restricted to the extent of time and place to a certain extent, towards the direction of individualization and independent learning. Further promote the four "overall enhancements" of teachers' information technology application ability, student information literacy, information technology and education and teaching integration level, information management and leadership level, and initially construct an open, shared, interactive and collaborative Chengdu wisdom education system. For the learner's language learning, the optimal allocation of various resources enables the foreign language acquisition to be transformed into a multi-level dynamic learning activity, and the socialization and individualization of students and the unity of learning and practice are completed in the interaction. How to effectively use modern educational technology and combine the characteristics of college English teaching. It is always a question of our exploration and practice to construct a three-dimensional teaching system to improve teaching efficiency and teaching effect, and to cultivate and improve students' language application ability.

## **2. The theoretical basis of the three-dimensional teaching method**

Modern educational technology is a new branch of education. It is based on the use of computer-based information technology in education and teaching, and brings profound changes to teaching content, teaching methods, teaching methods and teaching models. The student level is uneven. Through the entrance simulation test, it was found that the English level of the students in the class was very different. The students who were very good had been able to communicate with the foreign teachers, while some students could not even read the words. This status requires us to conduct differentiated teaching and provide personalized counseling. The essence of the three-dimensional teaching model is to use new educational concepts, new technical means, and new teaching methods. Combining teachers and students, theory teaching and practice teaching, teaching and assessment, a complete, rich and interactive teaching mode of curriculum system is constructed. Before language input, find motivational factors related to language teaching. Aiming at the main motivational variables, the language teaching strategies are designed to match them. For example, in order to achieve specific teaching objectives, different teaching action plans are adopted, including the organization of content, the choice of specific teaching methods, the choice of teaching media and so on. Classroom teaching has unparalleled attraction, mainly because it can provide a learning environment in line with cognitive rules and promote learning cooperation environment. The form value of students' language learning is the most important point in the situation of students' English teaching. It has an important influence on establishing students' basic cognition and self-learning. Language form is the most intuitive impression of students' language learning. The objective factors that promote students' impression in the different language teaching environment are diverse. The language expression in the context of actual communication influences the form value of language impression.

Generally speaking, the related disciplines of foreign language teaching methods include linguistics, psychology, pedagogy and their branches, as well as philosophical methodology and epistemology. It is very difficult to find students after class. Therefore, it is very difficult to evaluate and feedback the students' homework before and after class. Unlike traditional schools, if you think that any student has some knowledge, you can find the students directly in the classroom. Or call students to the office to explain, our school's particularity determines that we must find another efficient feedback and evaluation mechanism. Teachers play the role of organizers, instructors, facilitators and helpers in the whole classroom teaching, and give full play to students' initiative, initiative and initiative by utilizing learning environment factors such as situation, cooperation and conversation. In the end, students can effectively construct the meaning of the knowledge they have

learned. Therefore, we can strive to create an efficient network collaboration platform by enriching the form of teaching tasks. For example, in small groups, you can write English stories based on the Keywords or phrases you learn, search for English articles according to specific topics, print and print tabloids, conduct research on specific social issues, and write research reports. Modern educational technology is the use of modern educational ideas, theories and modern information technology and systematic methods to promote the theory and practice of educational effectiveness optimization through the design, development, utilization, evaluation and management of teaching and learning processes and teaching and learning resources. From the perspective of evaluation, the author believes that evaluation should be regarded as a process of exploring value-added so as to give full play to the regulatory mechanism of evaluation. Through evaluation, students are pushed forward towards their learning goals. The main difference between this model and the traditional linear model is that it links all links of instructional design with the analysis of the beginning. The analysis of the beginning is not only the focus of the beginning of the design, but also the focus of the design, and is the basis and standard of the evaluation of the results of each design stage.

### **3. Actively construct a three-dimensional English teaching mode**

Integrate modern educational technology with foreign language teaching in an all-round way, effectively and fully. Multimedia classroom teaching, computer-based classroom self-learning courses, and web-based second classroom self-learning use the use of modern educational technology throughout the classroom and independent learning outside the classroom, making learning within and outside the classroom an effective whole. In order to achieve the optimal effect proposed by Babanski, English teaching requires comprehensive and systematic consideration of problems in establishing teaching objectives, tasks, processes and methods, and optimization of various resources according to optimal benefits. Targeted arrangements for teaching and educational processes, and selection of the best programs for classroom teaching and the entire teaching process under specific conditions. Therefore, these factors are in a dynamic relationship with each other. This connection is the flow of speech information. From the emotional point of view, it is necessary to analyze motivation factors and motivation strategies in English classroom teaching, but to effectively organize classroom teaching, it is necessary to coordinate and integrate all factors in a dynamic way. Teachers design learning tasks beforehand and upload relevant information to the learning platform, and participate in the consultation, supervision and evaluation of the role in the process of the completion of the teaching task. Through the three-dimensional system, education resources can be maximized, optimized and fully utilized, teaching objectives and requirements can be achieved to the greatest extent, and teaching quality can be guaranteed.

Constructivist learning theory holds that knowledge is not acquired by teachers, but by learners in a certain situation, with the help of teachers and learning partners, using the necessary learning materials, through the means of meaning construction. Traditional teaching mode pays more attention to the imparting of knowledge than to the development of students' thinking and practical ability, and ignores the education of innovative ability. Modern teaching mode emphasizes the method of cultivating students' knowledge. College English teaching should emphasize the cultivation of students' ability to use English and innovate. Traditional English listening classroom teaching adopts the form of one-way straight line communication. All students face the same teaching task and receive the same teaching content and training methods. This convergent teaching model affects students' learning outcomes and does not achieve optimal goals. Student-centered and nurturing self-learning skills contribute to a sense of self-responsibility, efficacy, success, and the drive to sustain and resilience. The three-dimensional teaching system highlights the learner-centered position. Educational information is input to students through various channels/medias. Students internalize them into knowledge and abilities, and then complete the teaching tasks through output. The formation of students' language learning methods is based on a language learning habit that is self-developed in the context of English quality teaching. Each student has different interests in language learning. There are also great differences in the performance characteristics of their own learning. According to the language differentiation

characteristics of English teaching, students can find their own language learning perspective and form a unique language learning habit, which can effectively improve the efficiency of students' learning language. The team members rely on the learning platform to carry out a series of after-school learning activities such as "receiving learning tasks", "cooperative division of labor and cooperation", "collecting relevant materials", "finishing their respective tasks" and "classroom summary reports". It can help students consolidate what they have learned in the classroom, and help them build their own knowledge.

#### **4. Conclusion**

Traditional English listening and speaking classes, the main listening and speaking training is carried out in class. Before the class, the content of the textbook is self-prepared. As for whether the students have prepared for it or not, it is difficult to monitor the level of preparation. Introducing the three-dimensional teaching mode into the practice of modern English teaching is the general trend of the new round of basic education English curriculum reform. It can give full play to the guidance, assistance and supervision of teachers, and highlight the role of students in learning. This also shows that teaching is a two-way process. Students with low cognitive levels need to go through the process of cognitive compensation because the foundation is too poor. Otherwise, it is not enough to rely solely on the unilateral encouragement of teachers. Facing the new challenges of the times, the reform of College English information technology teaching has made a series of fruitful progress, but it still has a long way to go. The vast number of front-line teachers should draw lessons from their own teaching experience, constantly start with the conceptual framework, teaching methods, supporting textbooks and other aspects, actively carry out the exploration and construction of the three-dimensional College English teaching model based on information technology. The model of English listening and speaking class in junior high school based on intelligent teaching system extends the learning time and space from classroom to pre-class and post-class links, and each link has its own learning tasks. Under the mode of "selecting courses and walking classes", students have more self-study time and fragmentation learning time, so that they can really learn at any time and anywhere.

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