# Intelligence Testing-oriented College English Teaching in the Context of Web-based Autonomous Learning

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Abstract: Under the background of College English teaching reform, this paper explores the effectiveness of learners' autonomous learning of listening, speaking and speaking on the basis of network learning platform. By guiding students' knowledge acquisition, thinking training and personality development, intelligence testing can be generated and embodied in the process of "understanding true knowledge, correct judgment and proper implementation". Establish an effective university English network independent learning evaluation system to eliminate the negative factors that may occur in the process of independent learning. Improve the enthusiasm, stability and learning efficiency of students' participation in independent learning, and build a smart learning environment to meet the individualized learning needs of college English. The reconstruction vision of the college English learning environment is put forward, in order to realize the innovative university English wisdom test-oriented learning method and achieve the best teaching effect.

#### 1. Introduction

With the rapid development of information technology such as internet, cloud computing and mobile internet, educational informatization presents a trend toward intellectualization, and the concept of intelligent testing education emerges as the times require [1]. Using computer as an assistant teaching method and using the self-regulated learning platform of network to assist college English listening and speaking teaching has become one of the main forms of college students' learning. To a certain extent, learning can be independent of the limitations of time and place, towards the direction of personalization and autonomy [2]. In this context, self-learning combined with the network has become an extension of face-to-face teaching in college English classrooms, and has become a necessary learning method in students' college life [3]. Taking college English learning as the carrier, based on the characteristics of English learning, pursuing humanities and harmony, developing students' thinking and guiding students' emotions, attitudes and values. The performance of the students is "learning and thinking, so that not only can promote the overall development of students, but also improve the quality of English learning itself [4].

As a new form of education and modern teaching means, intelligence testing is constructed from the three dimensions of concept, technology and application from the perspective of information technology. It introduces modern technology into teaching, so that students and teachers can exert their subjective initiative together [5]. In the context of Web-based Autonomous learning, interpreting the main characteristics of intelligence testing education, reconstructing the learning environment of College English in the information age and effectively improving the teaching effect of College English have become the main motivation of this study. Although many scholars have different definitions of autonomous learning, the essence of autonomous learning is the same, that is, autonomous learning is not only a way of learning, but also a kind of learning ability [6]. Promoting the innovation of college English teachers' ideas, the firmness of beliefs and the improvement of literacy, college English education can gradually break through the "bottleneck" of its development, and emerge from the current "useless" and "time-consuming and inefficient" paradoxes [7]. It plays a powerful role in the development of students and the cultivation of international talents. Therefore, if you want to master a language well and use it to communicate with the outside world, listening and speaking are the foundation. This is also the main direction of

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# 2. Autonomous Learning

For College students, in order to improve their reading ability, we should start with the cultivation of reading skills. Reading skills include speed, comprehension and vocabulary. Speed can only be achieved by regular training; while speed training is carried out, understanding of the text is very important; and vocabulary plays a vital role in reading speed and understanding. The network autonomous learning platform should be a useful and necessary supplement to traditional classroom teaching. The self-learning platform makes up for the limitations of the content of the textbook, so that students can choose the learning materials according to their own washing and leaving outside the classroom. To a certain extent, college English can be removed from the current "useless" paradox, and gradually play its powerful role, becoming an indispensable educational component of higher education.

Establish a confidence group in learning. Establish a formative assessment system in the process of Online Autonomous Learning of College English. Its idea is to use formative assessment to detect, reflect on and monitor students' autonomous learning process. It can promote the development of students' learning ability and cultivate students' autonomous learning ability. It is an effective means for students to adjust learning strategies, improve learning methods and improve learning efficiency. The education of developing intelligence and cultivating students' abilities, while the education of Wisdom Testing in a broad sense is "a more comprehensive, rich, pluralistic and comprehensive education of Wisdom Testing". It is a unity of rational wisdom, value wisdom and practical wisdom, which is both differentiated and interrelated. The intelligent interactive teaching in the English classroom abandons the one-way teaching method of the teacher's "one-word hall" and "teacher questioning student answer", and actively advocates the "multi-interaction" of students' active participation. "Teaching" and "learning": "Teaching" means that teachers should optimize teaching methods and stimulate students to participate in English classroom learning.

The emphasis of intelligence testing education should be embodied in the construction of intelligent learning environment. With the support and application of the new generation of information technology, the seamless integration of physical learning space and information learning space can be realized and built everywhere. The whole interactive teaching of smart English classroom is the participation of teachers and students to complete innovation and information output. "Participation" and "Cooperation": The premise of harmonious unity of teaching and learning is that both teachers and students take the initiative to participate in and cooperate in learning. In English teaching, teachers should establish the concept of "people-oriented, student-oriented". Re-interpretation of the "Student Center" concept, and develop a guiding method that reflects the students' "independence, experience, reflection, personal knowledge acquisition" and other keywords. Finally, the goal of acquisition is proposed—the direct goal of language acquisition points to cross-cultural communication. Only in this way can we improve the knowledge structure of students.

# 3. Intelligent English Teaching

The enlargement of vocabulary is mainly accomplished by extensive reading, while the study of the meaning, usage and collocation of each word needs to be accomplished by intensive reading. As for the improvement of speed and understanding, there is no doubt that extensive and extensive reading will greatly help students improve their reading speed, while intensive reading based on analysis and learning will help students improve their understanding ability. On the platform of Web-based Autonomous learning, teachers will combine homework with autonomous learning resources. That is, the student has to complete a certain amount of homework assignments associated with the classroom content. At the same time, there is also a certain amount of self-learning machine. If college English education gives wisdom and care, it will guide students'

wisdom generation into the goal and pursuit of college English. Students will not only gradually become wise, but also master the knowledge and improve their learning ability.

The systematic construction of College English intelligent learning environment must consider how to coordinate the relationship among the elements of the learning environment through information technology, and promote the deep interaction between teachers and students as well as between learners. It combines classroom teaching with scenario simulation, empirical discussion with thinking training, curriculum network platform with image projection, and complements and extends the multi-dimensional interaction between teachers and students through multi-dimensional teaching methods. Remind the content of college English education, and hope to promote the quality of college English education. Teachers and students will only achieve greater improvement in teaching and learning if they are clearly aware of their connections. At the same time, the school should also increase investment in teachers' teaching equipment, so that teachers can conveniently supervise the students' learning status at any time and answer various questions raised by students in a timely manner.

If the pronunciation is incorrect, even if the vocabulary is large enough and the expression is genuine, others still do not understand. So before practicing oral English, teachers should pay attention to correcting students' pronunciation. Then in class, teachers should encourage students to express themselves in English. Because autonomous learning platform is a necessary supplement to classroom teaching, we suggest that the setting of teachers' teaching should include classroom teaching and autonomous learning. In addition, the self-learning platform is a necessary supplement to classroom teaching. We suggest that the teacher's teaching time setting should include two parts: classroom teaching and self-learning. In addition to preparing lessons and attending classes, teachers should set a certain amount of time to review the learning outcomes of students. In terms of support, it is to provide convenient and efficient learning support services, and truly realize a seamless learning environment combining online and offline, formal and informal. It must be emphasized here that the smart test learning environment must be supported by the "advancedness" of information technology, but the "smartness" of the learning environment is the real core feature of the system.

#### 4. Conclusion

This paper makes a study of College English teaching guided by intelligence test under the background of Web-based Autonomous learning. Teachers should set up a correct concept of quality education and let students develop their English language competence by listening, speaking, reading, writing and translating. College English web-based autonomous learning platform enriches students' learning content and widens teaching space. Autonomous learning platform greatly improves students' enthusiasm for English learning and stimulates students' strong interest in learning. Wisdom test education is the path of wisdom generation, education focusing on humanity and harmony. Wisdom test education is not to inculcate so-called wisdom theory and information, but to guide students' knowledge acquisition, thinking training and personality development. This learning environment is a high-end form of the network learning environment and the personal learning environment, which can realize the deep integration of the virtual environment and the learning subject. Emphasize the main position of learners in the learning process, attach importance to the guiding role of teachers in the learning process, support the social collaboration and communication of learners, and effectively realize ubiquitous English learning. It also enriched its teaching resources, realized the migration and improvement of skills, and at the same time freed itself from the heavy work status and improved the classroom teaching effect.

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