# Research on the Teaching of English Vocabulary Based on Cloud Space in the Context of Chinese Entrepreneurial Colleges and Universities

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**Abstract:** With the advancement of technology and requirements of the times, traditional English vocabulary teaching in China is linking up with network and information. University education and teaching is getting focused on educational informatization. In more and more universities, cloud space teaching provides a satisfactory platform for information and network teaching. Using cyberspace to carry out teaching is a general trend of university education to adapt to informatization. This paper states the characteristics and advantages of vocabulary teaching based on the platform of cloud space, attempts to establish a lexicon for entrepreneurial universities, and studies the implementation of this lexicon through the cloud space teaching.

### 1. The Present Status of English Vocabulary Teaching in China

English teaching is an integral part of higher education in China. English is a compulsory basic course for college students. Vocabulary is the basis of learning a language. The improvement of five abilities of listening, speaking, reading, writing and translating cannot be separated from the accumulation of vocabulary. According to the regulations of the Ministry of Education in China, the amounts of vocabulary required for the CET-4 and CET-6, College English Test, are 4500 and 5500 respectively. The GRE and the TOEFL test require as high as more than 10,000 words. Vocabulary has become a major problem affecting the passing rate of university students in China. At the same time, in the study of bilingual specialized courses for different majors and future work, students will inevitably have to face with a large number of professional English words. These all place high demands on students' vocabulary learning ability.

In the past ten years, experts and scholars have done a lot of research on vocabulary learning strategies and vocabulary teaching. However, most of the research on the improvement methods of English vocabulary teaching stays in the theoretical discussion. In particular, in-depth and professional research on English vocabulary teaching in the context of entrepreneurial university construction still remains to be further conducted. The empirical research on English vocabulary teaching is very rare in the field of cloud vocabulary and cloud vocabulary teaching.

## 2. Cloud Space Teaching

Cloud space teaching refers to cyberspace teaching based on cloud computing. It is a powerful lifelong learning and teaching space. In the face of the widespread use of cloud space, English vocabulary teaching should also follow the trend of the times, grasp the new opportunities and new ideas brought by education informatization and networking for vocabulary teaching, and actively make corresponding teaching reforms.

In traditional teaching mode, the 45-minute in the classroom is limited. The communication groups and learning forums in the cloud space provide a new way for teachers and students to communicate. Teachers can establish a learning exchange in their own space. Students can exchange learning experiences and experiences in the group and interact with the teachers. You can also open up an English vocabulary forum for students to post questions and discuss problems in English vocabulary learning. The powerful communication function of cloud space breaks the limitations of the classroom, breaks through the limitations of time and space, provides more communication opportunities, and extends the classroom to extracurricular activities.

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#### 3. Establishing a 4-grade lexicon in Chinese Universities

In order to promote the learning of students' vocabulary, provide students with a more comprehensive and rich learning resources, try to establish a step-by-step 4-grade lexicon in the background of entrepreneurial university construction.

Grade one. It's called the "basic lexicon", which includes about 2800 words of most frequently used core vocabulary, mainly for the needs of students in higher vocational colleges. It also includes about 500 other words related to the entrepreneurial university atmosphere in China.

Grade two-- "CET-4 and CET-6 lexicon" and grade three-- "IELTS, TOEFL lexicon" are mainly for exam needs. Grade two lexicon is for English exams during the university, while grade three is mainly for students who have the need to go abroad.

Grade four is called "professional group lexicon". Based on the previous lexicons, taking into account the learning of English majors and the needs of future jobs, grade four is classified according to the different professional groups of different universities, for example, financial management, electro-mechanics, IT e-commerce, entity entrepreneurship operations, and so on. Aiming at the professional vocabulary involved in the current professional learning and future career development of students, this lexicon, with about 2,000 words, hopes to improve the professional development of students, and improve the professional quality of students.

After establishing this step-by-step 4-grade lexicon, students can choose to learn words according to their actual needs.

### 4. Cloud Space Teaching Design

The above-mentioned 4-grade lexicon would be developed into a "cloud vocabulary" software, placed in the teachers' cloud spaces, through which to carry out cloud space vocabulary teaching. Students are asked to land this software to learn independently in the cloud space. First of all, the "Cloud Vocabulary" software owns the ability of identifying students. Students will log in the software by their real names, and the software will display the online learning time of each student. In addition, the vocabulary learning content is modeled after the online games, setting different levels of barriers to break through. Students learn and recite the vocabulary as if the game is cleared, and find the fun of learning. Third, in order to facilitate the use of students, the software supports mobile terminal downloads, which can be used by students anytime, anywhere.

### 5. The Meanings to Teachers and Students of Universities

The new method of cloud space teaching has a lot of significance to teachers. To begin with, the traditional vocabulary teaching methods pay more attention to students' imitation, repetition and repeated memory. On the contrary, the "cloud vocabulary" teaching method provides a new way of thinking for English vocabulary teaching, which changes the traditional single and boring teaching method and breaks through the limitations on the time and space of the traditional teaching model. Secondly, in order to improve the quality of personnel training and strengthen the management of the teaching process, most universities in China have implemented a "procedural assessment" system, which puts forward requirements for students' learning process and performance. Teachers can link cloud space learning with English assessment, stipulating that students must conduct certain class hours of learning on the cloud space. Furthermore, "cloud vocabulary" software can help teachers record, monitoring each student's online learning time. Thus it plays a very good role in vocabulary learning for students.

For universities students, the development of "cloud vocabulary" software allows them to learn vocabulary through software in the cloud space, providing a new way of learning of learning vocabulary independently, and improving students' learning motivation. The software supports mobile terminal downloading, which is convenient to use, and students can get rid of the troubles of carrying a vocabulary book with them in the past. The "cloud vocabulary" software can be set different tasks, helping students to supervise their own learning progress and efficiency through the

completion of tasks, and solve the problem of poor self-control. Through the gradual development of good vocabulary learning methods, students' self-learning ability is cultivated, hoping to lay a solid foundation for improving their professional ability and self-employment ability, and to apply in the future work.

# 6. Conclusion

Vocabulary is an important aspect of English learning. It is also one of the hardest problems encountered by students in learning English. Students spend a lot of time to memorize words, but often get little effect. The boring memorization of vocabulary also makes students lose their enthusiasm for learning English. However, the lack of vocabulary directly affects students' ability to hear, write, and translate, as well as the ability to obtain information in English. This puts great demands on English vocabulary teaching. Cloud vocabulary teaching based on cloud space is a teaching reform, which is a new attempt and bold exploration. Using space to carry out teaching is the general trend of university education in China to adapt to informatization. As an satisfactory platform, cloud space construction plays an important role in improving the various aspects of English vocabulary teaching and improving the quality of English vocabulary teaching.

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