Application of Cloud Computing Assisted Instruction in English Teaching

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Abstract. College English teachers focus on the training of students' English listening and reading ability and English writing ability. They lack the awareness of training students to form critical thinking logic and cultivate students' innovative ability. Therefore, it has a great impact on cultivating students' autonomous learning habits and improving students' learning ability. Listening and speaking, reading, translation and writing are the basic skills that students must master in the process of learning English courses. In the past, most of the students passively received the English knowledge content instilled by English teachers, which seriously restricted the development of students' thinking logic, and the students' subjective initiative in learning could not be fully exerted. Nowadays, the teaching concept of the new curriculum reform is now With the continuous deepening and implementation, modern science and technology and new education theory will be organically integrated in the field of education, so as to make the course teaching more efficient and students get better education. From the continuous updating and adjustment of teaching mode, modern science and technology has a great influence and promotion on the field of education.

Keywords: Cloud Computing Assisted Teaching, English teaching, application strategy

Introduction
This paper puts forward the teaching implementation scheme of Cloud Computing Assisted Teaching Mode, With the help of the advantages of cloud computing, the theoretical knowledge and practical operation in English course are summarized, and a perfect teaching mode of Cloud Computing Assisted English course teaching is established, which mainly refers to the integration of formal learning form in the course and ubiquitous learning form outside the course, and the scientific integration of imparting teaching mode and independent learning form outside the course. Therefore, English teachers play a leading role in the teaching process, fully highlight the dominant position of students in the teaching process, use traditional media form and modern new media form to jointly teach English curriculum, which can exercise students' English listening and reading ability and writing ability, and make college English curriculum teaching more effective. It is also helpful to...
cultivate students' personalized learning English curriculum knowledge and effectively achieve the purpose of improving the teaching efficiency of College English curriculum [1].

1. Concept of Cloud Computing
Including distributed computing, parallel computing, utility computing, load balancing, grid computing, virtualization, network platform storage and other computing forms [2]. This form of computing is to distribute a large amount of computing in the distributed computer, and it does not exist on the computer itself or on the remote computer server. Cloud Computing Assisted Instruction (instruction) is to support English curriculum education with the advantages of cloud computing, Making full use of "cloud services" in cloud computing platform to achieve the purpose of sharing English teaching resources, so as to make the space of storing English knowledge unlimited, and provide great convenience for College English teachers to carry out English course teaching.

Speaking, reading, translation and writing, but also make students have a deep and comprehensive understanding of other countries' culture and real life events and tasks, so as to help students increase their learning experience, broaden their horizons of English knowledge, and enrich their English knowledge reserves [3]. The application of Cloud Computing Assisted Teaching in College English courses can effectively mobilize actively participate in practical English teaching activities, and students' learning English knowledge is not constrained by time and space constraints, and can access and log in cloud computing platform to learn English course knowledge with the help of relevant facilities and equipment (such as notebook computers, smart phones, tablet computers, etc.) In the cloud computing platform, there are a lot of learning materials, video courseware, foreign language translation, dictionary and other information and functions in the cloud computing platform, which can be used and consulted by students. Cloud computing can play an auxiliary role when students complete the English homework assigned by teaching. In addition, in this teaching platform, students communicate with other students and English teachers in a timely manner, learn from other people's learning experience.

2. Current Situation of English Teaching in China
According to the analysis of the past English Curriculum Teaching in China, the traditional English curriculum teaching mode is composed of three aspects: preview in advance, classroom teaching and after-school training. This kind of traditional teaching mode seems to be effective and reasonable on the surface, but in the actual teaching process, there are still many places to be improved.

In the actual teaching before the beginning of the preview of the English knowledge content to be learned, the effect is not as expected. The research situation of the English course shows that most students do not pay attention to the pre class knowledge preview, and take English class as the main channel and place to receive English knowledge [4]. English course is a language discipline, which requires students to inves deepen the memory of English knowledge repeatedly, consolidate the knowledge content of English course and strengthen English expression ability, learning effect in the process of learning English course. It is far from enough to learn English knowledge in English class with limited time [5].

In addition, College English teachers in the past mostly use the traditional teaching mode, in the classroom English teachers to explain the theoretical knowledge of English, students' participation in English classroom teaching activities is not high. College English teachers use modern multimedia technology in the actual teaching process of English courses, and the frequency of using multimedia English electronic teaching courseware is gradually increasing. However, the phenomenon of polarization appears in College English teachers' use of Multimedia English electronic courseware. One is that college English teachers design the content of Multimedia English electronic courseware into the form of single and boring text lecture notes, which greatly reduces students' interest in learning English courses; the other is that college English teachers use diversified videos, images and animations As a result, the students' attention deviates from the content of English knowledge, thus neglecting the learning of English curriculum knowledge [6].
After the end of teaching, College English teachers assign a lot of boring and monotonous homework tasks to students, which has a great impact on students' enthusiasm for learning English knowledge. Influenced by many objective factors, it is impossible to guarantee the students' English learning in the teaching process.

3. **The Necessity of applying Cloud Computing Assisted Instruction in English teaching**

However, there are still some English teachers who are deeply influenced by the traditional old teaching concepts, and still use the traditional teaching mode to teach college English courses. Based on this, College English teachers want to effectively improve the students' English learning quality and moral education. The purpose of infiltration in English teaching can be achieved by using cloud computing to assist college English teaching.

(1) For example, Teachers make use of the advantages of cloud computing in the classroom, playing video images, sounds and other forms of teaching courseware for students, so that students can more intuitive understand the most standard English pronunciation and expression, and in the process can not only train students to grasp the correct English grammar, but also help students understand the local culture of other western countries. And in the teaching of moral education related knowledge content, so that students in a more professional, systematic teaching atmosphere to learn English curriculum knowledge, and thus not only to enhance students' interest in learning English courses, but also can effectively cultivate students to form a good English discipline core literacy. At the same time, College English teachers want to use cloud computing to assist teaching. First of all, they should have a wealth of English knowledge storage and high literacy, in order to make English teaching more efficient. Before English teaching, College English teachers should carefully prepare lessons, so as to provide a strong guarantee for the efficiency of English teaching.

(2) By using cloud computing to assist English teaching, which can help students understand and master the key knowledge content and overall structure of the text, and explore the learning methods between Chinese and English courses,

![Application of cloud computing aided teaching flow chart](image)

**Figure 1.** Application of cloud computing aided teaching flow chart

4. **Application Strategies of Cloud Computing Assisted Instruction in English Teaching**

There are many teaching values in the cloud computing assisted teaching mode, which has the advantages of sharing cooperation, fast and convenient, unlimited storage, wide application range, data...
security and teaching efficiency, which provides strong support and guarantee for College English teaching and effectively improves the teaching quality of College English Course [7].

4.1. Colleges and Universities Should Increase Investment in Improving Cloud Computing Assisted Teaching Infrastructure

Which provide support for colleges and universities in terms of funds and teaching resources, and provide effective help for the innovation and reform of teaching mode in Colleges and Universities. It is necessary to pay more attention to the investment of cloud computing assisted teaching infrastructure. Perfect computer server hardware is the basic premise of building cloud computing assisted teaching mode, but the cost of cloud computing assisted teaching infrastructure is high, so colleges and universities should invest sufficient funds to equip corresponding infrastructure. Colleges and universities should carry out professional skills training activities for English teachers, so as to make English teachers master the ability to operate cloud computing related infrastructure, so as to provide guarantee for the application of Cloud Computing Assisted Teaching in English teaching.

4.2. Adopt Diversified Teaching Methods and Integrate Moral Education Teaching Knowledge

College English teachers should first abandon the traditional backward teaching concept, innovate and reform the original teaching mode, take students as the main body of College English teaching, integrate moral education knowledge into teaching, promote students' individualized development, and cultivate students' correct moral concept and core quality. With the help of cloud computing, College English teachers construct a scientific English course teaching platform, share English curriculum teaching resources in the teaching platform, and interact with students, so as to achieve the effect of improving the quality and level of English teaching. English teachers upload more outstanding celebrity stories related to English courses on the platform, and then imperceptibly carry out moral education in the process of students' browsing and reading, so as to set an example for students to learn and imitate, and to cultivate students' good moral quality and comprehensive quality. Finally, with the help of cloud computing aided teaching platform, College English teachers establish a scientific and perfect system for evaluating students' learning quality. In the teaching platform, they can timely understand and master the actual learning situation of students, evaluate and analyze the learning progress of students, so as to adopt targeted teaching measures in the teaching process, effectively guide and correct students, and then promote the overall quality of the class Physical education students' learning quality has been improved.

Table 1. System for Evaluating Students' Learning Quality

| Homework score | Sentence cool tips | Experience report | Topic requirements |
|----------------|-------------------|-------------------|-------------------|
| type           | dimension         | Measured value    | Reference range   |
| vocabulary     | Shape symbol number | 224               | 195--230          |
|                | Number of words   | 204               | 166--208          |
|                | Number of class characters | 113               | 93--115           |
|                | Average word length | 5.27              | 4.23--4.97        |
|                | Standard deviation of average word length | 2.76              | 2.19--2.62        |
|                | Proportion of high frequency words | 66%               | 77%--86%          |
|                | Proportion of academic vocabulary | 12%               | 2%--7%            |
|                | Proportion of superclass words | 5%                | 3%--8%            |
|                | Textual conjunctions | 11                | 8-14              |
|                | Verb phrase       | 14                | 7-17              |
| paragraph      | paragraphs        | 3                 | 3-5               |
| sentence       | Number of sentences | 13               | 11-17             |
| a clause       | Total number of clauses | 12               | 9-17              |
| Part of speech | conjunction       | 5%                | 3%--6%            |
5. Conclusion
In College English teaching, the value of cloud computing assisted teaching is applied, and the modern network technology and education are combined to establish a modern new English course teaching mode. Based on this, College English teachers apply Cloud Computing Assisted Teaching in the actual teaching process of English courses, and integrate moral education knowledge into it. It can not only improve the quality of College English teaching, but also help students establish correct moral concepts Ideological quality and the formation of excellent English learning core literacy teaching objectives.

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