Research on the Application of Computer Multimedia Technology in English Education and Teaching

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Abstract. Under the background of world multi-polarization, economic globalization, and education internationalization, the world is changing rapidly, from which computer multimedia technology stands out. With the vigorous advancement of educational information, the process of vigorously advocating innovative education, the modern educational technology In particular, the widespread use of computer multimedia in English classrooms has become a necessity, bringing a qualitative leap in English teaching. Respectively from listening, speaking, reading and writing, the visualization of the in-depth study of English teaching. The computer can process text, sound, and images. Therefore, it is not difficult to form a teaching system with both audio, video, pictures and texts. This not only breaks the traditional teaching methods, but also conforms to the students' cognitive laws and promotes the development of students' diversified thinking. Multimedia teaching, as well as vivid, intuitive, visual, novel, large capacity, more information, and fast efficiency, has effectively improved the quality and effect of classroom teaching, and has been favored by teachers. Multimedia-assisted teaching has increasingly become a major teaching method. Therefore, the importance of computer multimedia technology in English teaching application research is obvious [1].

Keywords: Multimedia Technology, Curiosity, Content Output

1. Introduction  
The superiority of multimedia network technology in English teaching is manifested in providing rich learning resources, promoting students’ interest in learning, promoting teacher-student communication, and meeting individual teaching needs [2]. The main problem is that the amount of information is too large, the speed is too fast, and the students' attention is distracted. In the teaching process, attention should be paid to the strengths and the weaknesses, and the reasonable application.
2. How to use computer multimedia technology [3]

2.1. The Necessity of Applying Computer Multimedia Technology in the Teaching Field
These are determined by the characteristics of computer multimedia technology. These characteristics are: 1. Diversity: both the diversification of information media. 2. Integration: the ability to integrate a variety of different information, both the text and image of the information can be animated Sounds are organically integrated, and the results are comprehensively displayed. 3. Interactivity: There is a real-time exchange of information between those who spread information and those who receive it. In addition, this is also determined by the advantages of computer multimedia technology compared with other media technologies.

The advantages are as follows: 1. Multiple sensory stimulation; 2. Large amount of information transmission and high speed; 3. High quality of information transmission; 4. Easy to use and easy to operate; 5. Strong interactivity. Therefore, the application of multimedia technology in education and teaching comprehension is the only way to realize the modernization of education.

2.2. Purpose of public management
Change traditional teaching methods. For a long time, China's education has always been a teacher-centered and problem-centered indoctrination teaching model. This education model has continued to this day. This is fundamentally contrary to the teaching principle of teacher-led and student-based teaching. According to quality education, I believe that this traditional model should be reformed into a teaching model of “inspiring the center and exploring as the main”. Teachers and students should be exploratory teaching and learning throughout the teaching process. Teachers’ guidance and students’ exploration are inseparable. The use of computer multimedia technology in the teaching process highlights the heuristic teaching and mobilizes the initiative of teachers and students. The role of the classroom has changed from mere teaching knowledge to a basic teaching material design and learning structure. The powerful help of organizing learning and managing resources. Students simply accept knowledge to become self-learning, self-discovery, self-renewal, self-creation, and truly become the masters of learning [4].

1. It has strong expressive power in various disciplines of education. In classroom teaching, teachers can use computer multimedia for lively classroom teaching, which can better stimulate students’ enthusiasm for learning, give full play to their imagination and creativity, and achieve the best teaching effect. Multimedia can overcome the limitations of time and space. In teaching, there are often some macroscopic natural phenomena, passing scenery or things that can only be perceived for a long time. Due to the constraints of time and space, students cannot see with their own eyes. Some microscopic things and small changes cannot be carried out by students through instruments. Observed.

2. Multimedia technology and its equipment system have improved the application level of media education and teaching. Today's multimedia network technology is used in classroom teaching. Each student has a multimedia networked computer. Learning can actively and independently participate in the learning process through the multimedia network and learn independently. Individualized online learning resources for human-computer interaction learning. In addition, through the Internet, free dialogue between teachers and students, students and students, and collaborative and interactive
learning can be carried out. Once distance education is realized, it will completely break the closed learning environment, so that vivid and high-quality education is not restricted by time, space, and time. To achieve direct two-way exchange of learning, this kind of open teaching is conducive to cultivating students' independence, broadness and creativity [5].

3. Curiosity

![Figure 2. English education teaching model](image)

1. Curious psychology is one of the audience's psychology, that is, the psychological state of asking for novel things or novel phenomena. The world is full of wonders, and everyone has curiosity. But people's eyes and ears are limited by time and space, and what they see is limited. They expect to meet their needs with the help of mass media. The psychology of curiosity also includes the elements of increasing knowledge, broadening one's horizons, and understanding and understanding the world better. Generally speaking, the psychology of curiosity has no negative effect, but it is not desirable to blindly pursue the psychology of curiosity [6].

2. "Curious psychology" is what we often call curiosity. Because people have thoughts since they were born. Although they are only a kind of consciousness in the early stage, they have already possessed the instinct of curiosity. For example, in infancy, his instinct is to eat hungry, because he can't speak words, then we will find that each of his movements is the initial manifestation of psychological exploration. Then, because of the shape of his nipple, as long as the shape is similar, the first image that is instilled into his brain is sent to his mouth! Of course, this is very intuitive. As he grows up, in the process, because of unknown people and things, he has a desire to know (the learning process), starting from the sensibility, and then to the touch of the hand, giving back to The brain makes the unknown become knowable, although the process is long, so that it is like this for a lifetime, so curiosity is like this, so the extension to the curiosity, it can be said that it is just a matter of expression of words, the difference lies in the instinct of "curiosity", And "hunting strange" is compulsive consciousness [7].

4. How to better carry out English education and teaching

4.1. Vocabulary Teaching
A person's English proficiency can be directly reflected in the amount of vocabulary that a person has mastered. At the same time, vocabulary is also the foundation and foundation of language learning and applied language. At present, vocabulary teaching has a lot of time investment, low efficiency, and boring learning. Therefore, doing a good job in vocabulary teaching can not only stimulate students' interest and desire to learn English, but also a prerequisite for students to learn English language well. Overcoming the vocabulary barrier, to make the learning path smoother, learners are easy to go, and then they are willing to go [8].

1. The primary task of vocabulary teaching is to let students learn the correct pronunciation and spelling of words in accordance with certain pronunciation laws. In classroom teaching, students should first learn some simple words and gradually understand the 48 international phonetic symbols,
day after day, and then master and familiarize themselves with the internal connection between words and pronunciation, and finally realize that they can read and spell words by themselves. In actual teaching, when encountering longer and more difficult words, more attention should be paid to the reading link. Students usually do not pay attention to reading words, and make half-tones, and the pronunciation is incomplete. As a result, only the first half of the word and the second half of the word will be written in future exams. Part of it cannot be written, or the listening part cannot be understood, etc. This is exactly the consequence of ignoring the importance of reading words.

2. Focus on cultivating students to master certain word-building methods and rules, so that words and words form an organic word group, with points and faces, and one area with three. For example, luck—lucky—luckily—unluckily. There are many similar examples. Let students memorize a word, which is equivalent to memorizing a number of related words, which not only greatly reduces the burden of memorizing words by students, but also It also saves students' valuable study time and achieves two goals with one stone.

3. Vocabulary learning needs to persist in repeated cycles. English is a language subject. There are many things that need to be memorized. There is a process of remembering and there is a process of forgetting. Vocabulary learning requires repeated memorization, repeated application, and consolidation. There are many ways to consolidate vocabulary in classroom teaching. For example, making vocabulary cards is easy and quick, and you can take them with you to learn and memorize words anytime and anywhere; for another example, teachers can organize vocabulary contests on a regular basis to strengthen the spelling and application of words. Repetition is not a mechanical repetition. Every time it is repeated, it must be more firmly grasped and applied more accurately. Fun is the best teacher for children. As far as English is concerned, it is a language subject. There are many, fragmented, and complicated things to remember. Therefore, learning English must first have a strong interest. Interest will make students learn more with half the effort—less time and high efficiency. While strengthening the Internet, it also vigorously promotes technical talents, increases the use of the Internet, can make it faster and more convenient for people to use time [8], and can more quickly highlight the use value of public management in the context of the Internet. With the promotion of the Internet, public management has taken a step forward, the Internet technology has been vigorously developed, and excellent talents have been better selected to promote the development of our country.

4.2. Research on the Application of Computer Multimedia Technology in English Education and Teaching

1. Use multimedia teaching. Due to the continuous advancement of technology, computer multimedia is constantly updated.

Periodical article classification query, all in the periodical library in the current English teaching classroom using multimedia teaching methods to assist teaching, firstly can expand the capacity and density of knowledge displayed per unit time, and then save some valuable classroom time; secondly, use voice, Screens and other visual presentations of teaching information, special effects, artistic techniques, and interactive applications provide students with a richer perception, making some abstract and boring things intuitive, vivid, and interesting. Through visual and auditory stimulation, coupled with novel learning forms, not only can stimulate students' curiosity and thirst for knowledge, but also increase the depth of perception and improve learning efficiency [9].

2. Create an optimized classroom environment to create a relaxed and happy learning atmosphere. Classroom is the main front of English learning. We should create an optimized classroom environment to create a relaxed and pleasant learning atmosphere. Psychological research has shown that a relaxed and happy learning atmosphere can enable students to learn, think and acquire knowledge with a pleasant mood. It is conducive to cultivating students' interest in learning and can better mobilize students' subjective initiative. In classroom teaching, you can tell stories in English, make daily reports, sing English songs, etc.; in class, you can use cartoons to learn English-related content, as well as perform dialogues and sitcoms, listen to recordings, play games, and engage in
interesting competitions. Etc.; teachers should also consciously strengthen the penetration of English culture in the teaching process. New things and unknown things can definitely play a dual effect of creating a relaxed and happy classroom learning atmosphere and stimulating students' interest in learning, allowing children to actively participate in learning with feelings.

3. Various teaching methods. People often say that "teaching has no fixed method". The teaching method has the characteristics of comprehensiveness, operability and flexibility. Different teaching content, different teaching tasks, and different students can adopt different teaching methods. Teaching should be tailored to the individual and aptitude, using various teaching methods, such as self-directed learning, group cooperation exploration, combination of lectures and exercises, first learning and then teaching, activity exchanges, etc., instead of using a single teaching method blindly from beginning to end. According to the actual situation, different teaching methods are adopted, which not only have classroom effectiveness, but also arouse students' interest and desire to learn English.

5. Conclusion
Ancient and modern Chinese and foreign, stimulate students' interest in learning, mobilize students' interest in learning, develop potential [10], and improve thinking ability. How to effectively use multimedia technology in English teaching not only has profound theoretical significance, but also has strong practical ability. This requires us to continuously temper in practice, maximize our strengths and avoid weaknesses, and sum up our experience.

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