

# A study on the integration of computer network technology and College English Curriculum

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**Abstract.** Informatization is the trend of world economic and social development, with the network technology and multimedia technology as the core of information technology has become the creative tool of expanding human ability. "Computer" and "curriculum integration" teaching model has become our country oriented viewpoint of 21st century basic education teaching reform, its research and Implementation for students' subjectivity and creativity into full play to create a good foundation, for students of English listening, speaking, reading and writing for the improvement of comprehensive quality provides a powerful cognitive tools. Front-line teachers make full use of multimedia and network advantages in high school English teaching, and strive to explore the integration of computer and English teaching mode, received a very good teaching effect. The integration of computer technology and English course, let English classroom teaching is no longer dull, give students create a lot of interesting scenarios, meet their strong desire for knowledge, to help them feel that the rich and colorful English world. But everything has two sides, the integration is not equal to the mix, put on the edge network. The excessive use of intuitive computer assisted instruction, make the students have a lazy thinking psychology, is not conducive to the cultivation of students' abstract thinking ability. The advantages and disadvantages of traditional teaching and modern education technology, to make a reasonable choice, not from one extreme to the other extreme. Therefore, we should have a deep understanding of the essence of education modernization, in before the use of information technology, teachers should be aware of the advantages and disadvantages of information technology and the characteristics of teaching materials and students needs and subject teaching, the ability to train students' creative thinking as the use of network assisted teaching is one of the important standards. Inheriting the advantages of the traditional teaching in the computer aided teaching, trying to find a new mode of English Teaching in the network environment.

## Introduction

Informatization is the trend of the world economy and society development. Information technology based on network technology and multimedia technology has become the creative tool to expand human ability. "Computer" and "curriculum integration" teaching model has become our country oriented viewpoint of 21st century basic education teaching reform, its research and Implementation for students' subjectivity and creativity into full play to create a good foundation, for students of English listening, speaking, reading and writing for the improvement of comprehensive quality provides a powerful cognitive tools, and points out the development direction for English and other disciplines cross. What is the role of information technology in the integration of English teaching and learning? How to make information technology more helpful to cultivate the students' English comprehensive quality, innovative spirit and practical ability? This paper tries to use the existing related research results and my own teaching practice, to carry out the integration of information technology and English Teaching in English Teaching in this phenomenon, understanding and feeling their own shallow[1].

With the rapid development of science and technology today, computer and English are two basic disciplines, and it is also the two largest tool subject. The integration of the two can complement each other. Reasonable application of computer and network techniques in high school

English teaching, can receive the good teaching effect.

### **Abundant network resources provide the necessary information for teachers to make courseware**

We need a lot of information and information source in the production of multimedia script. In the traditional teaching, the data is mainly by means of books, pictures, audio, and video Limited to transfer information to students, this source of information is obviously very limited, and the lack of flexibility, convenience and interactivity. We can through their own computer production, through ways such as CD and network access to text, images, sound, animation, video, and 3D virtual reality multi range information for making courseware, or drawn on the Internet directly, greatly enriched the courseware content and form of expression. Internet is a vast boundless ocean, provide general information for teaching, and English teachers use Internet service for teaching and has a natural advantage, no language barrier, make teaching content more rich, more diverse teaching methods and more flexible. Now, more and more English teaching softwares are introduced from abroad, such as "English through train", "English Dynamic" and "traveled the United States". Internet to provide English learning tutorial is numerous, for example, for language learning world lecture hall, international house and Net-Language etc., suitable for teaching and research TEFL-China. TESOL online and Internet TESL journal and is convenient for English teachers to acquire teaching resources. Although these resources are not necessarily suitable for our classroom teaching, not necessarily brought able to use, but they, after all, has an important value, they can provide the new ideas of modern English Teaching for teachers, provide ideas and information for their creative work[2].

Two, the overall optimization of classroom teaching

Through the careful preparation. In the teaching we can with the help of computers, projectors and other advanced multimedia means, to show students the map, text, sound, like the combination of rich and colorful teaching content, classroom language flow and capacity increases, so that we can optimize the classroom teaching, improve the teaching effect. In healthy eating, I use imported from online download pictures of food, a surge of interest in students, only to learn the vocabulary of fruit and vegetable, and naturally guides the student to enter the topic; in rescuing the temple I kind projection map of Africa, let students learn the position of Egypt and the surrounding countries, then the target down in Egypt, Ethiopia, Sudan and the Nile, introduces the source of the Nile, flows, and the Aswan High Dam and Abu new wave Temple position, through the introduction of the students really understand the Nile's flooding, understand the necessity of dam construction and protection of the temple. In the study of biography and classic materials, I introduce the author or the hero's life, deeds, or works such as the introduction of the Communist Manifesto Marx Karl, introduced his intimate partner - Engels. Martin Luther King insert his famous speech "I have a dream" of audio and video materials; Abraham Lincoln in the Lincoln led the civil war and the famous Gettysburg Address; the insert documentary the Tangshan earthquake "terrible earthquake scene; in country music, introduce the representative works of famous country singer John Denver, teach students to learn to sing his popular song country road, touching music, let students better geography solution mentioned in the article" the good old days. " These famous works are deeply attracted to students, which not only enrich their literary knowledge but also make the necessary knowledge and emotion for understanding. And this effect is not achieved by the teaching methods in the past.

Three, stimulate students' learning interest and motivation

Bruner, a modern American psychologist, said: "learning the best stimulus is the interest in the materials". Interested students can take the initiative and happy to learn, in order to play the main role in the classroom teaching and active spirit. And interest is a kind of positive effect of emotion, not out of thin air, it is connected with emotion, always in a certain situation. Therefore, teachers in classroom teaching to understand students' psychological characteristics and cognitive law, using multimedia technology to create pleasing to the ear, and pleasing to the eye, is gratifying situation, enable students to see, hear, immersive experience, reminders sent students to actively explore the

emotion, arouse students' interest in learning, for students to take the initiative to find and take the initiative to explore, inquiry learning, thus greatly improving the efficiency of classroom teaching. In learning to a class paper, I in the course of understanding to the vast majority of students had never been to the museum. Therefore, it is very difficult to pass text only imagine what the text bones, pottery, bronze, bamboo and silk and verbalize reverses the order of the phenomenon easily appeared in the paper of the development process. So I introduced in accordance with the order of the text, download the intuitive physical picture, and give words information (information), a few minutes after the students scrambled to raise their hands to repeat, the classroom effect is very good. Music Country read the focus is to understand the different times of the United States, the reason for the return of the different themes of the music, the difficulty is to repeat the article. Because of the use of flashback, in order to help students sort out the contents of the text, I according to the time and subject, reasons are listed in the table.

### **Comprehensively improve the overall quality of students**

The teacher can make graphic audio-visual information ready made ", let students use the computer means of autonomous learning, enrich the connotation and extension of knowledge. The students from learning textbooks with limited knowledge expanded to the textbook knowledge to the knowledge space of divergent infinite, from passive acceptance into active exploration and acquisition, arouse the students' strong desire[3].

At the same time the process of students to use information technology to solve problems, is a full of imagination and innovation process, it is a scientific, practical process plan. It helps to cultivate students' innovative spirit and practical ability and information literacy, and through the continuous training of the "task driven", students can take this problem solving skills gradually migrate to other areas. It can cultivate students' observation ability, memory ability, operation ability, analysis and problem solving ability. To improve the ability of these, ultimately comes down to improve the quality of thinking: is helpful to cultivate students' creative thinking, can contribute to the development of students' abstract thinking, to strengthen the training of the students thinking, promote the optimization of students' thinking quality. And improve the overall quality of students will promote the improvement of comprehensive skill of English four.

Computer technology to English teaching is no longer dull, give students create a lot of interesting scene, let students contact with more knowledge of English, broaden the horizons of students, to meet their strong desire for knowledge, let them see the rich and colorful English world, which is no longer limited to teachers about, do not rigidly adhere to the classroom. Network but also to achieve the best combination of pronunciation, intonation, facial expression, body language, customs, cultural landscape, promotes the student of English surface and the connotation of the relationship between the detailed experience, and through stimulation of the senses, also let students understand English from multi angle, thus learned living, authentic full of rich flavor of life of American English. Such as "traveled to the United States" with the screen text, sound, image, cartoon characters, such as, which also with songs, singing, animation, games and other, picture lively and vivid, sings let students such as immersive, like the face of a talking to Americans, but also "the police said the concept of color". The students show great enthusiasm. Nevertheless, front-line teachers should know that everything has two sides, I think the curriculum integration should pay attention to the following questions:

A, the integration is not equal to the mix, put on the edge network.

The excessive use of intuitive computer assisted instruction, can also cause some negative effects. Therefore, before the use of information technology, teachers should clear the advantages and disadvantages of information technology and the characteristics of teaching materials and students needs and subject teaching, trying to find information and technology where can improve the learning effect, to enable students to complete the things with other methods do not effect or not. For students, the information technology is a lifelong learning knowledge and improve skills of cognitive tools, for teachers, it is a means rather than a purpose. It as a modern assistant teaching means is used to support the work of teaching and improve classroom teaching efficiency and break

through the key and difficult, mainly used to make up for the deficiency of traditional teaching and solve the problems in traditional teaching is not easy to solve.

Two, construct the teaching mode of curriculum integration, and emphasize the students' subjectivity.

During the course of integration, teachers should give full play to the initiative, enthusiasm and creativity of the students in the learning process. Students are regarded as active participants in the process of knowledge construction, and many of the goals and tasks of learning should be achieved by the students. . while at the same time, in the curriculum integration, teachers are teaching process of the organizers, guides, facilitators and consultants, the leading role of teachers can make teaching process more optimization, is a part of the teaching activities. In this integrated model, teachers and students in the help of information technology, respectively, teaching and learning. First of all, the teacher according to the teaching goal of teaching materials analysis and processing, decided to use what form to present what teaching content, and in the form of courseware or web page presented to the students. After the students to accept the task of learning, under the guidance of teachers, provided by the teacher (or find their own information) data for individual, combined with man-machine interactive and collaborative self-regulated learning, and the information technology to complete the task[4].

### **Combine the traditional essence with the advantage of network**

Traditional teaching and modern education technology have advantages, but also have drawbacks, to make a reasonable choice, not from one extreme to the other extreme. Computer aided instruction has its irreplaceable side, but it can not replace the traditional teaching methods. To the essence of a profound understanding of the modernization of education, firmly grasp the teaching aims and the main difficulties and understand the advantages and limitations of the traditional teaching mode, in order to computer assisted instruction in inherit the advantages, at the same time to supplement and improve. Not only to be satisfied with it as a "new thing", but it should be understood that the computer in the classroom teaching as the blackboard chalk, is its own teaching tools.

Four, do not use the network to replace the student's thinking, the ability to cultivate students' creative thinking as one of the important criteria for the use of network assisted teaching.

We should change the courseware evaluation standards, and constantly improve their own innovation awareness, thus cultivating students' innovative ability. Multimedia technology to show students more is something of the thinking in image, to enable students to visual and auditory sensory stimulation, but excessive reliance on multimedia technology or not the scientific use of multimedia, to enable students to produce a thinking of mental laziness, is not conducive to the students' abstract thinking ability training. After nearly a year of practical application, we have a consensus, that is application of modern educational technology can not only stay on the surface, if ought to it is a small blackboard and nearly one million investment was out of all proportion to, those who only look but not beautiful courseware is not a good courseware, and to see this courseware will contribute to the development of the students' thinking, whether it is conducive to student's initiative study, breakthrough in the key and difficult problems in students.

The development of information technology and the application of computer have a great impact on foreign language teaching. English teaching out of the textbooks, out of the classroom will soon become a reality. At present, for our country network assisted language teaching (WALL---Web assisted language learning) has emerged, in the development process of the informatization of the foreign language teaching will make small and medium-sized has a fundamental change on English teaching. We should have a sense of perspective, "we have the need for Internet how to successfully combine the classroom teaching with the decision to make ahead of time." (Singhal) this is a new requirement for English teachers to renew their ideas, renew their knowledge, and learn from their life. In the rapid development of information technology, the master of modern education technology, the computer application and integration of the discipline of teaching, to keep up with the pace of the times. We should strive to improve their information literacy, artistic

accomplishment and professional level, continue to explore information technology and curriculum integration of the best combination of points, in order to cultivate innovative talents of the 21st century to make its own contribution[5].

## Conclusion

Computer technology to English teaching is no longer dull, give students create a lot of interesting scene, let students contact with more knowledge of English, broaden the horizons of students, to meet their strong desire for knowledge, let them see the rich and colorful English world, which is no longer limited to teachers about, do not rigidly adhere to the classroom. Network but also to achieve the best combination of pronunciation, intonation, facial expression, body language, customs, cultural landscape, promotes the student of English surface and the connotation of the relationship between the detailed experience, and through stimulation of the senses, also let students understand English from multi angle, thus learned living, authentic full of rich flavor of life of American English. Such as "traveled to the United States" with the screen text, sound, image, cartoon characters, such as, which also with songs, singing, animation, games and other, picture lively and vivid, sings let students such as immersive, like the face of a talking to Americans, but also "the police said the concept of color". The students showed great enthusiasm.

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