

# Analysis on the Application of Information Technology in English Teaching in the New Era

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**Abstract:** Today, with the rapid development of informatization, the educational systems of countries around the world are undergoing tremendous changes and innovations. With the popularization of computer networks, English teaching has also undergone tremendous changes. The article provides a comprehensive analysis of English teaching in the new era, hoping to serve as a reference for the development of English education in my country.

**Keywords:** New era; Information technology; English teaching

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The use of modern information technology for English teaching is a hot topic in the current education circle. The widespread use of information technology products such as the Internet, smartphones, and electronic dictionaries has changed educational methods. With the continuous development of information technology, the development space of English teaching is getting larger and larger, teaching methods are becoming more and more abundant, and teaching effects are getting better and better. The article conducts a relatively comprehensive analysis of modern English education from different perspectives, hoping to provide useful teaching suggestions to the majority of English teachers.

## 1. Introduction of multimedia teaching resources

In English teaching, the introduction of multimedia teaching resources can enable students to gain a more vivid and intuitive experience in the learning process. Teachers can use videos to show English situations in real life, such as daily conversations, news reports, movies, etc., so that students can experience the application of English in life while listening and watching<sup>[1]</sup>. Through video recording, students have a more direct understanding of the pronunciation, intonation, speed and other characteristics of English, deepen their understanding of the English language, enhance their interest in learning, and improve their learning efficiency.

For example, teachers can develop an English teaching platform and use audio-visual interaction to create an “English Corner” activity. Teachers can use the platform to play real English conversation videos. These videos cover various life situations, such as shopping, traveling, dining, etc. By watching these videos, students can be exposed to real language usage scenarios and feel the application of English in actual communication. This audio-visual method not only allows students to intuitively understand the pronunciation, intonation and expression of English, but also allows them to better understand the use of English in different situations. Next, students can try to retell or follow the sentences and phrases based on the dialogue content in the video. Through imitation, students can practice their pronunciation, intonation and speaking speed, and gradually improve the accuracy and fluency of oral expression.

## 2. Reform teaching methods

In English education, the use of creative teaching methods can make students have more fun in the classroom and improve students' enthusiasm. Through online teaching platforms and virtual classrooms, teachers can give students more freedom to choose their time, so that students can complete their learning tasks at any time and anywhere. Through distance education and online tutoring, students can use computers or mobile phones for education at home or other locations. This flexible learning method can not only meet students' personalized learning needs, but also improve the effectiveness and convenience of learning. .

For example, teachers can use virtual simulation technology to establish a virtual situation for English learning, allowing students to learn and practice English in this situation<sup>[2]</sup>. Students can practice dialogue with virtual characters or role-play in the virtual environment to achieve interaction in English teaching. On this basis, teachers can also use English games, guessing puzzles, etc. to further consolidate students' English vocabulary, grammar and other aspects. Encourage students to fully experience immersive English learning, improve their interest and interactivity in oral English practice, and achieve twice the result with half the effort.

### **3. Personalized learning assistance**

Personalized learning assistance is to provide students with personalized learning resources and assistance suitable for themselves through intelligent teaching systems and software. Information technology can be used to collect students' learning materials and behaviors, analyze students' learning characteristics and needs, and then formulate learning plans and resources suitable for students, thereby improving the pertinence and effectiveness of learning and satisfying different needs. Types of students' learning needs.

For example, the introduction of intelligent English learning APP can analyze students' learning interests, learning habits, and learning status based on students' learning behavior, learning performance and other information, and recommend personalized learning resources and learning plans. For example, for students who love reading, we can recommend corresponding English reading materials and exercises; for students with poor English foundation, we can recommend some courses and learning materials suitable for oral training. In addition, the intelligent system can dynamically adjust the difficulty and progress of the course based on the student's learning progress and mastery, so as to ensure that students receive appropriate guidance and help at the appropriate learning stage. On this basis, personalized learning assistance is used to make English learning more efficient and maximize students' potential, thereby better adapting to the needs of different types of students and enhancing the personalization and pertinence of learning.

### **4. Promote cooperative learning**

Promoting cooperative learning refers to promoting cooperative learning among students through information technology and using online collaboration tools and platforms for team project cooperation, language exchange and discussion. This learning method helps to improve the interactivity and sociality of learning and cultivate students' teamwork and communication skills.

For example, teachers can use online collaboration platforms to establish an English learning shared space where students can conduct cooperative learning. On this platform, students can form groups and cooperate in English activities, such as establishing English clubs, mutual aid groups, etc., and can jointly create English short plays, cooperate in giving English speeches, etc. Students can use the online platform to conduct real-time discuss and improve the spirit of cooperative learning. In addition, teachers can also make full use of online English communication platforms to cultivate students' oral communication skills<sup>[3]</sup>. For example, English discussion forums and online English communication groups are established to allow students to discuss English with each other, exchange learning experiences, and solve problems encountered in learning.

### **5. Integrated online evaluation system**

The comprehensive online evaluation system uses information technology to build a complete online evaluation system to monitor students' learning in real time and provide teachers with data support through online exams, homework submissions, study records, etc. This can help teachers keep track of students' learning status at any time and adjust them accordingly.

For example, teachers can design corresponding English tests such as listening, reading, writing, and speaking according to the actual situation of students. Through online examinations, students can conduct independent learning and self-evaluation. Teachers can also use the examination results to grasp students' learning status in real time, thereby providing students with targeted learning guidance. In addition, teachers can also allow students to submit their English homework and topic results on the online homework submission system. An online testing platform can also be used to conduct classroom quizzes, final exams, and other aspects. The system will automatically score and generate performance reports, allowing teachers to quickly understand students' learning status. At the same time, the online homework submission system can also be used to evaluate and provide feedback on students' learning status and learning effects. Using this evaluation system, teachers can monitor students' learning status and make corresponding adjustments to teaching strategies and methods according to the actual situation, thereby achieving the purpose of improving teaching quality.

### **6. Develop information literacy**

In combination with the current social development trends, informatization and science and technology continue to penetrate into various industries and areas of life. Therefore, in the process of cultivating talents, attention should be paid to developing the information literacy of college students. Therefore, in terms of English teaching, we must pay attention to students' information literacy, including students' acquisition, analysis and use of English information, as well as their ability and correctness to identify the authen-

ticity of information, and their ability to make good use of English information to solve practical problems.

For example, in English classes, teachers should use actual teaching examples to guide students in cultivating information literacy. For example, teachers can set corresponding English information collection tasks, students can search for information on English topics through online databases, and then allow students to evaluate and analyze the source, authenticity and credibility of the information. In this process, students can not only master necessary English knowledge, but also develop their ability to receive and analyze information, thereby improving their information quality. At the same time, students should also be guided in the reasonable use of information technology, which plays an important role in the learning and practice of English. For example, teachers can recommend high-quality English learning websites, learning software, English learning communities, etc. to students to help students better use English learning and communication. Using this platform, students can learn English, read English information, and participate in English discussions to improve their English and communication skills. Further improve students' information literacy, enable them to correctly and effectively apply modern English knowledge, and improve their English learning and communication abilities. In this way, students' academic level can be improved and a good foundation can be laid for future studies and work.

## 7. Conclusion

With the continuous deepening of the informatization construction of college English education in our country, while gratifying results have been achieved, there are still many problems and challenges. However, based on the continuous progress of science and technology and the innovation of educational concepts, information technology will surely become an important part of English education, helping to bring students a richer and more effective learning experience. Therefore, in future English education, teachers must continue to explore and innovate, give full play to the advantages of modern education, and make it full of vitality and vitality, thereby promoting my country's college English education to move in the direction of diversification and intelligence.

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