

# Research on the Application of Modern Information Technology in English Teaching at the Stage of Basic Education

Chenzhen Min<sup>1</sup>

<sup>1</sup>School of Foreign Languages, Nanjing University of Posts and Telecommunications, Jiangsu 210000, China.

## Abstract

The main symbol of the information age is the widespread popularity and rapid development of computers and the Internet. In basic English education, information technology is widely used in all aspects of education and teaching, which has promoted the modernization and informatization of education. Based on the documentation, this article combines the actual teaching situation in the basic education stage, combined with case studies to analyze the use of modern information technology in English teaching in the basic education stage, in order to promote the further development of related fields in our country.

## Keywords

Information technology; English teaching; basic education.

## 1. Introduction

In the 21st century, mankind has entered a new information age. Information technology has become an important driving force for social progress, economic and technological changes. Offering English courses is China's further implementation of the strategic guiding ideology of "education should be modernized, world-oriented, and future-oriented". Incorporating modern information technology into English teaching has enriched the forms of educational information expression, thereby transforming traditional teaching methods. In this respect, the constructivist value of cognitive psychology and multiple intelligence theory has been fully embodied [1].

This article is based on the documentation, combined with the actual teaching situation of basic education, combined with case studies to analyze the research value, theoretical basis, existing problems and integration methods of modern information technology in the use of modern information technology in the basic education stage of English teaching. Make students generate and maintain the desire to actively participate in learning, and stimulate interest in active participation, learn to cooperate in active communication, and enjoy learning in successful experience [2].

## 2. Research Status

In the CNKI database, we entered keywords such as "foreign language teaching, information technology, English teaching" in the search box of subject, title, and keywords, and manually eliminated the search results. From 2002 to 2018, there are 80 articles related to English information technology in China. The content of these articles involves the informatization of English education and the construction of foreign language education technology disciplines. The number of related articles fluctuates overall, but the overall trend is upward. In terms of research content, the focus of relevant research is mainly on English teaching and information technology in higher education, and the number of relevant studies in the basic education stage is relatively small.

In summary, this research in this article will not only help to make up for the deficiencies of existing research and promote the further development of this field, but also in terms of practical significance, the research results of the combination of modern information technology and English teaching will help cultivate students' initiative, To stimulate interest in learning; cultivate students' self-learning ability and independent ability; cultivate students' innovative thinking and ability.

### 3. Problems

At present, modern information technology is widely used in English teaching activities in the basic education stage. Compared with traditional teaching methods, the integration of modern information technology and English teaching at the basic education stage has unparalleled advantages over traditional teaching methods. It has injected fresh blood into the reform of English curriculum teaching and changed the traditional focus on cognition, indoctrination, and The closed English classroom teaching model provides new ideas [3]. However, judging from the current situation of the integration of modern information technology and English curriculum teaching, there are indeed many problems.

The application of modern information technology in English teaching at the basic education stage is still at the level of using information technology as a teaching aid. Modern information technology and English curriculum teaching have not yet achieved effective integration, the overall function of information technology has not been realized, and information technology has not been integrated into the course (information) problem solving activities.

In addition, in the practice of English course teaching at the basic education stage, many teachers report that the popularization of human-computer interaction has greatly weakened the leading role of teachers, and the demonstration of information technology equipment and facilities often becomes the leading role of the entire teaching process.

### 4. Conclusion

#### (1) Build and improve the English reading information resource database

The establishment and application of educational resources database is an inevitable trend to promote the development of education under the information technology environment. This mainly refers to the application of multimedia and the network to serve and optimize teaching. The application and development capabilities of educational resources also need to be continuously improved. It is necessary to take students as the main body, not only to meet the needs of all-round development, but also to effectively improve teaching efficiency [4].

#### (2) Construct pre-reading knowledge and background to increase interest

Integrating the application of multiple information technologies such as text, image, video, sound and animation will help enrich the knowledge level of teachers and students. Using QQ groups, campus networks and other forms, teachers can understand whether students are satisfied with the learning content, and communicate with each other about problems in the teaching process, thereby forming communication and exchanges between teachers and students; at the same time, teachers actively use information technology to enrich The teaching form and content can stimulate students' initiative and enthusiasm for learning, and also help cultivate students' ability to actively explore and seek knowledge.

In junior high school English teaching, information technology integrating the three aspects of comprehensive audio-visual listening and speaking has great advantages. It can not only stimulate students' interest and enthusiasm, build a reasonable practical environment, but also improve students' own learning ability.

## 5. Summary

The effective integration of information technology and English teaching is an improvement of English education teaching mode and teaching methods at the basic education stage, which can improve the learning enthusiasm of primary and middle school students and change the boring situation of traditional teaching. At the same time, it is necessary to effectively apply multimedia and information technology to teaching in accordance with the teaching goals to help students learn actively in English learning. The use of modern teaching media can stimulate students' interest, enthusiasm and desire to learn, improve classroom teaching effects and students' learning efficiency. Teachers should make full use of the advantages of information technology to create more colorful learning situations for students, drive students to learn, and cultivate students' ability to innovate and learn independently!

## References

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