Retraction

Retraction: Research on the Reform of English Education based on the Internet Information Technology (J. Phys.: Conf. Ser. 1992 022097)

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This article has been retracted by IOP Publishing following an allegation that raises concerns this article may have been created, manipulated, and/or sold by a commercial entity. In addition, IOP Publishing has seen no evidence that reliable peer review was conducted on this article, despite the clear standards expected of and communicated to conference organisers.

The authors of the article have been given opportunity to present evidence that they were the original and genuine creators of the work, however at the time of publication of this notice, IOP Publishing has not received any response. IOP Publishing has analysed the article and agrees there are enough indicators to cause serious doubts over the legitimacy of the work and agree this article should be retracted. The authors are encouraged to contact IOP Publishing Limited if they have any comments on this retraction.

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Research on the Reform of English Education based on the Internet Information Technology

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Abstract. Under the background of rapid development of modern information technology and mobile network communication, the informationization of teaching has been more and more prevalent. Therefore, this paper studies the current situation of English teaching under the information environment, systematically explains how the information English teaching method promotes the reform of the education system and promotes the development of education, hoping to provide a clear development path for the future informationization English teaching.

Keywords: Internet Informatization, Reform of English Teaching, Status Quo

1. Introduction
As a language of international communication, the cultivation of English talents is very important. However, in the contemporary English teaching model, there still exist many problems, resulting in the situation that the cultivation of English talent is not perfect. Among them, the most obvious problem is that many schools cannot use information technology to carry out English teaching efficiently, resulting in students' poor English learning. Although computer network has been widely introduced into our life in China, it has not attracted the attention of modern education teachers who have not closely linked information technology and English teaching classes, leading to the poor effect of English teaching under the background of information technology. So what teachers should do is further improve their teaching mode [1].

2. Analysis of the current situation of English teaching under the information environment
It has become the focus of educational reform to integrate multimedia teaching into modern teaching. Under such a premise, most colleges and universities are still making positive changes. For example, in order to integrate information technology into English teaching, information-based English teaching competitions will be held regularly. At the same time, in such English learning process, students can also learn English words more comprehensively and conveniently through network technology to understand the meaning of English words deeper. From these phenomena, it seems that information technology has been well integrated into the English classroom, but in fact, information technology hasn’t been fully used in English teaching. For students and teachers, they are the main body of the application of information technology equipment, they need to master the information technology in order to integrate information English teaching methods into the classroom [2].
a whole new teaching concept for teachers who must change their own ideas. Young teacher's ability to accept information technology may be fast while for teachers who are elder, they may feel that changing the traditional teaching mode is a challenge to their former teaching methods. As a result, their ability to accept new things will be relatively inadequate. Therefore, in order to better carry out the information-based English teaching mode, teachers and students still need to keep learning and meet the challenges of educational reform in the new era [3].

3. Analysis on the functions of English education and teaching system under information environment

In order to meet the requirements of modern teaching tasks, schools will make more and more use of information technology in the process of English teaching, with the help of information technology, schools have to complete the English teaching management system [4]. In order to facilitate people engaged in education work to be able to use such a teaching system to achieve long-distance online communication and knowledge sharing, the establishment of such an information teaching management system should have three conditions, the first is to be safe and stable; The second is flexible use; The third is that the knowledge reserve should be quite comprehensive, as shown in figure 1.

College English teaching system should include the following functions:

![Schematic diagram of teaching system](image)

**Figure 1.** Schematic diagram of teaching system.

3.1. Knowledge acquisition function

The data of English learning should be constantly improved. Students should make use of all the resources owned by the school to acquire more knowledge related to English while schools should establish and improve English data information and reserve by establishing more English learning databases, for example, materials of pictures and texts, phonetics and so on. These channels for acquiring English knowledge can be selected and acquired from network information and the contributions of students or teachers. Moreover, it can also use resources from other schools to continuously expand the channels for acquiring English knowledge through various ways.

3.2. Knowledge application function

The establishment of knowledge application function is a very important link. Since the construction of knowledge application system can help students to learn more clearly, which is the basis for students to master knowledge and learn knowledge management. Through knowledge application, students can call the required learning content more quickly, and it is also convenient for educators to inquire.

3.3. Knowledge sharing function

The education system with information technology as the learning background should have the function of knowledge sharing, so that teachers in different schools can share resources with each other and realize communication across time and space, which can acquire English knowledge faster for the education management system and improve the efficiency of knowledge acquisition. In this way, teachers in colleges and universities can reach a consensus, which not only improves the quality
of English teachers, but also promotes the development of English education in colleges and universities.

4. Discussion on strategies of English education reform under the information environment

4.1. Establish a complete database information system

Under the background of the development of modern information technology, in order to make the reform of English teaching carry out smoothly, schools need to establish a perfect database information management system to store massive English learning data. In this way, teachers and students can access all kinds of English information easily when accessing the database system. This system provides everyone in the school with an access to the system for learning English. It’s sure that, at the beginning of the construction of the database, we should collect very comprehensive English education resources which can be shared with other universities or obtained from the Internet. The collected English teaching knowledge is systematically classified and catalogued, so as to facilitate visitors to inquire and realize the goal of saving time and efficient learning. At the same time, in order to ensure that the database can better serve students learning English, we should also arrange special technical personnel to maintain and improve it in the later period, so that the database English education system is constantly updated. With the continuous accumulation of English teaching knowledge, college students can get more English knowledge materials, as shown in table 2.

Table 1. Advantages of establishing a database information system.

| The advantages of database information systems | To save time | High learning efficiency | Provision of study materials |
|-----------------------------------------------|-------------|--------------------------|-----------------------------|

4.2. Establishment of network teaching platform

In order to implement the teaching of information technology in place, network teaching should be adopted in the classroom. To set up the network teaching platform, the primary task is to improve the hardware equipment, such as server, client, network, etc., but also to consider the security and stability of hardware equipment, so as to ensure the smooth implementation of the network teaching platform.

Then what functions should the network English teaching platform have?

4.2.1. Function of education and teaching

Through the online learning platform, colleges and universities can organize English teachers to conduct regular online English classes for students and carry out special courses to improve the interaction between teachers and students, such as online English questions and answers, English dialogue, appreciation of foreign classics, cultural differences between Britain and America, etc. Students can access the corresponding learning platform through the personal account authorized by the university. As long as there is a network environment, they can study anytime and anywhere. In this way, the development of network English courses can greatly enrich the college English teaching model.

4.2.2. Real-time online communication function

Online platform for English learning can also add interactive functions for English teachers and students. Through this function, students who have any English question can consult the teacher online while the teacher can also immediately answer the questions from the students, realizing the real-time online communication between teachers and students. For example, when English teachers use online teaching tools to appreciate classic English dialogues in American TV series, they can discuss with students the communication methods in specific situations, and at the same time, they can recommend such valuable English works to more people. Through the information platform,
students' oral English ability will be exercised, and their overall English level will be significantly improved.

4.3. Establishment of flipped classroom teaching model
How to understand flipped classroom? In fact, teachers can use information technology to provide students with a new teaching resource through video presentation. Students can use their spare time or rest time before class to complete pre-class learning with the help of some technical tools, such as public accounts, small programs and so on. In class, the teacher will put the problems collected from students together and discuss, exchange, answer these questions for students. If this new teaching model is applied to English teaching, teachers can design short core micro-videos to let students learn in advance and make preparations before class. At the same time, teachers can also make better use of class time to achieve the purpose of efficient teaching.

5. Conclusion
What mentioned above is the related research and discussion on the English teaching mode under the information environment. The contemporary educational concept needs to be changed and the teaching mode needs to be reformed. In this regard, this paper also puts forward some personal suggestion, such as establishing a database information management system, improving the network teaching platform, making more use of the network learning resources, learning to use the flipped classroom teaching model and so on, which may inspire the future college English teaching.

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