

# Exploitation of Network Information Technology to the Development of English Education

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*Received 1 November 2014, www.cmnt.lv*

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## Abstract

Network information technology has become the necessity of the reform of modern education. The English education in China has converted from tool subject to cultural subject which is still not mature. This paper firstly summarized the development status of English education and the advantages of network information technology. Then it discussed influence of the advantages and disadvantages of network technique on the comprehensive and modernized development of English education. Finally, in terms of network information technology, it put forward the viewpoint and advises on the development of English education. In order to better realize the resource sharing of the good teaching of English course and improve the English accomplishment of teacher and students, it has established a new teaching thought and teaching platform.

*Keywords:* network information technology, English education, Application platform

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## 1 Introduction

In recent years, the compulsory education in China has gained enormous development. However, the imbalance problem of compulsory problem is quite obvious, since the urban and rural dual structure [1] has not radically converted. How to make full use of information technology and promote the balanced development of urban and rural English education is an important means to realize educational equality [2]. English education presents undeveloped in current wed education tendency. It still has not realized the necessity and importance of integrating modern information technology and English subject curriculum [3].

The National Mid and Long-term Reform and Development Plan (2010-2020) definitely puts forward to “strengthen the development and application of high-quality educational resources”, “establish open and flexible public service platform of educational resource and promote the popularization and share of high quality educational resources”. Sun Zhong studied the environment that affecting students’ learning of English [5]. Abulaiti · WAYITI analyzed the factors that influencing the development of information-based teaching ability and put forward the corresponding strategies [6]. He Kekang put forward that the realization of the leap-type development of education in quality improvement should base on the radical reform of traditional classroom teaching structure and combine with network information technology [7]. Under trend of network information education era, this paper analyzed the disadvantages of China education and advantages of information technology. As for how to authentically make use of this double-edged sword—network information technology, to

solve the current predicament of English education and to seek the development law, this paper combined the practice of network information technology in English course and put forward the new stage development direction so as to start a discussion.

## 2 Analysis on the Current Status of English Education

In recent years, the English education in China has obtained prominent achievement, which has immensely promoted the construction and cultivation of English teaching team and forcefully promoted the modernization of teaching means and the networking of high-quality teaching resources. However, the current construction of English education still has many problems.

### A. EXTREME WEAKNESS OF QUALIFIED ENGLISH TEACHERS

From situation of rural teaching, the weakness of English teachers mainly manifests in three aspects: teachers are lack of adequate specialty, for their majors are various; teachers are in low status. Rural teachers have diverse wok affairs but have low salary. Some schools even enroll them into the support crew, thus they are in a weak position in appraising, commentary, professional evaluation, salary raise and promotion; teaching training of English education is unpractical. Although their training content seems rich and varied and they participate in the local organized short-term training, the training ways are generally focused on the theoretical explanation and not combined with practical demand. Therefore, it is difficult to solve the practical difficulties they encountered in teaching.

### B. COMPARATIVE CLUTTERS OF ENGLISH TEACHING CONTENT

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The content of English education should be of strong modern character, but its practical situation is not optimistic. Many schools have not combined with practical demand to select the teaching materials, and many teaching contents seem hollow which cause students lack of interest. The common English teaching materials all have simple repetition of different degrees and the teaching contents are irregular, which has greatly affected the efficiency of English education.

#### C. INEFFECTIVE IMPLEMENTATION OF ENGLISH TEACHING

The teaching time of rural English education generally has no deserved guarantee. In English class, most students are in ennui state, thus their energies are difficult to focus on it and teachers are also strenuous in teaching. At the same time, the teaching model of English education is also rather backward. Many teachers are used to teach, learn test and to deal with the high-colored curriculum with old methods.

#### D. CRITICAL SHORTAGE OF THE AUXILIARY EQUIPMENT OF ENGLISH EDUCATION

National investment is not only limited but also lack of continuity because of the rather weak original basis. The rural multimedia equipment of English education not only has insufficient numbers but also is obviously aging and its good rate is declining, thus the information technology education is difficult to meet the basic teaching demand of "one person one machine". Moreover, the English teaching of information technology education can only remain in theoretical explain at most times, thus it is difficult to train and consolidate in operate which has greatly affected the practical effect of the equipment.

Therefore, in view of the current situation of English education, we must organically integrate the modern information technology and English education. At the same time of increasing the traditional equipments, we also has integrated other application platform, such as: interactive language learning platform [8], intelligence test platform [9], multimedia resource bunch planting platform [10], teacher-student communication platform [11], resource administration and release platform [12], etc. In addition, in order to meet the requirement of independent study, foreign language teaching resources [13] also emerge in many colleges and universities. However, it is clear that the use ratio of these information resources (include hardware resources, software resources and information stream resources) is not high, one reason is that the framework of platform and resource library is not reasonable. However, the main reason is that teachers have light information consciousness, and at the same time, there is no corresponding information ability to make full use of these hardware and software. Many schools only pay much attention to the platform construction in technology level, but pay less attention to improve the information quality of vast English teachers, which causes the information quality of foreign language teachers can not adapt to the demand of modern education development. Therefore, it is necessary for us to know network information technology from objective view. We should

not only take its merits to promote the balanced development of English teaching and enhance the comprehensive quality of teacher and students, but also should authentically face its harm to emerging technology and pursue good fortune and avoid disaster.

### 3 Advantages of Network Information Technology in English Teaching

#### A. INTENSIFICATION OF NETWORK INFORMATION TEACHING IN THE AUDIOVISUAL EFFECTS OF ENGLISH STUDY

The pronunciation education in pronunciation lab only has guiding function in auditory sense, provides Received Pronunciation for students and play student's pronunciation so as to compare and improve their pronunciation. English and Chinese are quite different in manner of articulation sin they belong to different language categories. Pronunciation teaching only provides auditory sense, thus cannot show the lip and tongue model of specific pronunciation in three-dimension. The application of network information technology in classroom not only can make students accept the English pronunciation from auditory sense, but also can thoroughly make them learn the accurate position of ligula pronunciation through network video effect [14].

#### B. INTENSIFICATION OF NETWORK INFORMATION TEACHING IN THE ENJOYMENT OF ENGLISH STUDY

The duration of classroom is 40 minutes. Under condition of distraction, students are of poor learning effect. The traditional classroom black-board teaching is dull and tedious, which tend to make students tired to certain extent. Network information technology is the most advanced teaching means in modern education, which has greatly increased the classroom information content. Various video images not only attract student's attention, but also can make students learn English in the traditional teaching centered on teacher's instruction and relaxed context. Moreover, students can get access to more authentic and true languages.

#### C. STIMULATION OF NETWORK INFORMATION TEACHING IN THE INITIATIVE AND CREATIVITY OF STUDENTS' LEARNING

In traditional teaching, students are in state of passively accepting the knowledge in whole teaching process. Their leaning initiatives are neglected in most cases and even suppressed, thus their initiatives and creativities are stroked. Traditional English teaching lacks information feedback and communication. Network information technology teaching not only applies to classroom but also can be used for students out of class. Link with school and obtain the exercise materials and learning materials related to classroom content and provided by teachers. If they encounter some problems, they can directly communicate with other classmates or consult teachers. At the same time, students can inquire related data from net by themselves, think initiatively and solve related problems by

themselves.

#### 4 Disadvantages of Network Information Technology in English Education

In English education, at the same time of optimizing the classroom teaching using multimedia technology, teachers must avoid the several disadvantages brought by multimedia teaching [15].

##### A. OVERSIZE OF INFORMATION CONTENT IN ENGLISH TEACHING AND DIFFICULTY IN GRASPING KEY POINTS

The application of network information teaching provides abundant pictures, videos, images and texts for students, thus their vision and hearing work simultaneously. However, in the meantime, students are difficult to concentrate on crucial points in class because of the oversize of information content and more contained content in courseware. Therefore, students cannot learn prominently.

##### B. LACK OF STUDENT'S SUBJECTIVITY IN CLASS CAUSED BY NETWORK TEACHING

English teaching should avoid redundantly using network, and the subject of teaching is still students. In class, teachers perform the strokes and writing of words using multimedia instead of their own board writing. Teachers teach students to read the text after the courseware record instead of them. Therefore, they have become the courseware projectionist since they ceaselessly click on the screen. The prestige of teachers declines greatly and their teaching efficiency is not ideal. Superficially, students are of strong interests, but actually, they can not truly master what they have learned.

#### 5 The Strategy and Suggestion of Network Information Technology in English Teaching

Sufficiently excavate characteristics of network information technology: the intensified abundant resources; share, large quantity and extensive spread of resources; create condition for the collaborative learning for students, which can make them further understand the problem and have more choice; with characteristics of graphics and text and video combined together, information technology can provide the large-scale knowledge base and information base which is organized in hyper text structure and conforms to the associative thought and memory of human. This paper put forward some opinions combining the current status of English teaching mentioned above for references:

##### A. APPROPRIATE COMBINATION BETWEEN NETWORK INFORMATION TECHNOLOGY AND BOARD WRITING TEACHING

The classroom subject is still "teacher—students" rather than "computer—student". In English teaching, teacher spells the English word on board so as to intensify student's memory in words. Over application of network

technology will have students believe that the so called English class is to watch the show of network courseware which is of large information content. The class will lose the interactivity supposed to have between students and teacher.

##### B. ENRICHMENT OF THE COURSEWARE CONTENT OF NETWORK INFORMATION

The preparation of network information courseware should aim at teaching, not just to attract student's attention. English network teaching must effectively serve for realizing English teaching and contribute to the cultivation of students' imagination power and creative thinking. Through the content of courseware, students can have a good idea of the main content, key and difficult point and hierarchy of each lesson. English teachers should start from features of the subject and combine with the practical situation of students according to different teaching content. In addition, their teaching styles should conform to the courseware style, and they should pay attention to the practicability of network information courseware.

##### C. CORRECT GUIDANCE OF USING NETWORK INFORMATION TEACHING RESOURCES AFTER CLASS

The effect of using multimedia teaching after class is not prominent, because of the information diversification of network. Therefore, teachers should correctly guide students to correctly use network resource during the process of using network information teaching. In the mean time, they also should adopt corresponding method to control students' network learning.

##### D. THE ACCELERATING OF THE INFRASTRUCTURE CONSTRUCTION OF NETWORK INFORMATIONIZATION

The accelerating of the infrastructure construction of network informationization is an important foundation of English course construction as well as the foundation of the sharing strategy of English course construction. It brings the informationization of education network information into school development plan, perfects the infrastructure of network informationization, and constructs the secure and stable hardware operating environment and network channel. In addition, it also uses the advanced network information technology to construct the sharing platform that integrates teaching and learning and communication together [16]. We advocate teaching English using the modern teaching method based on computer and network technology.

##### E. STRENGTHENING OF THE CONSTRUCTION OF ENGLISH TEACHING TEAM

The key point of network information technology is to strengthen the construction of teaching team and the cultivation of teaching staff, to promote the teaching reform and work of young teachers, and to improve the level of informationization technology of teachers. At the same time, organize teaching team to formulate the curriculum standards and teaching plan, compile teaching

plan, formulate multimedia courseware and compile teaching material and item bank together, so as to learn from each other, improve together and share resources together.

In addition, in process of traditional English teaching, students have no chance of authentic language experience, training and practice. Therefore, such kind of teaching method is difficult to enhance their language competence and their listening and speaking ability is hard to have substantial breakthrough. The establishment of network English subject platform has built the integrated foreign language environment of English teaching. In terms of teacher and students, the information technology with carrier of network technology has become a simple and convenient means to gain resources and information. English network teaching has realized the individualization of teaching objectives and process, the diversification of in-out of teaching content, the interest of learning and training, communitization of communicative interaction, update of analysis and feedback, intelligence of teaching tools, internationalization of talent cultivation and integration of teaching and research. It has provided a good learning environment for students and a creative language teaching environment for teachers.

## 6 Conclusion

To sum up, network information technology is the key

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## Acknowledgement

Sponsored by Qinhuangdao Association of Social Sciences (Grant No: 201306125)

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