Retraction

Retraction: A Study on English Teaching Model under the Background of Big Data (J. Phys.: Conf. Ser. 1744 032061)

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This article has been retracted by IOP Publishing following an allegation that raises concerns this article may have been created, manipulated, and/or sold by a commercial entity.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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A Study on English Teaching Model under the Background of Big Data

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Abstract. With the development of society and the application of information technology, computer big data is gradually developing in the mainstream. Under big data, college education is constantly innovating and developing, teaching methods and teaching means are constantly changing, and modern English teaching based on the Internet has become the mainstream. College English education with the help of computer big data, continuous innovation and development. Modern education relies on the Internet, changes the educational idea, the way, constructs the modern education way, through the Internet technology, the student studies more convenient, fast, reduces the traditional education restriction factor, relies on the Internet technology, with the Internet rich resources, the fast information, the efficient auxiliary teaching, promotes the education goal, the task realization. The times are constantly developing, changing the previous teaching model[1], with the modern big data education model, anytime, anywhere learning concept. Under the current computer big data, college English education in China is gradually getting rid of the previous single education mode, and the diversified college English education mode is gradually entering the college English teaching classroom.

Keywords: Education, Computer Big Data, Model

1. Overview of current status
In the 21st century, the information age, the rapid development of Internet technology, the transformation of college English teaching out of the shackles of traditional teaching methods, with the modern concept of dynamic education to promote the efficiency and quality of college English teaching, promote the diversified development of college English teaching in China. As the application of information technology continues to deepen, the + application of the Internet is becoming more and more extensive, changing the management mode of various industries, and the traditional college English education realizes subversive changes and innovations. College English education adapts to the trend of the times, constantly innovates and develops, gradually implements quality education and individualized education, and promotes the effectiveness of college English teaching[2].

2. Research on English teaching model with computer big data background
2.1. Building a mobile learning platform
Computer big data English platform, based on the platform, teachers transfer English learning resources, release learning tasks, teachers share English related resources in the platform. Students through the platform to download resources, to view the assignment of teachers, learning tasks. It is convenient for teachers to teach and students to learn English anytime and anywhere. In the mobile platform, teachers and students can communicate in time, students can not understand the question at any time resources English teachers, when teachers are busy with work no time to answer, the platform will retain a period of time, teachers after reading to answer students' questions. It can be said that the function of keeping information and transmitting information on mobile platform greatly facilitates college English teaching, promotes the innovation of teaching methods and ideas, changes the traditional static teaching methods, and promotes the development of college English education with dynamic English teaching.

2.2. Rational application of micro-course teaching
Under the background of computer big data, using Internet technology and video technology to input English teaching into the campus network, the micro-class includes the difficulties and key points in the English course, especially some important contents, in the form of small video, put into the campus network, some students have limited ability and understanding, need extra-curricular study, review, need professional courseware guidance, improve their English knowledge, oral English level, break the traditional mechanical learning mode, provide more learning opportunities for students through the Internet, create a comprehensive English learning environment for students through the Internet, Promote the improvement of college students' English level[3].

2.3. University English teaching model using WeChat platform
The teaching mode of college English using WeChat platform is that teachers send, discuss and communicate English learning materials with students through WeChat platform. Teachers can set up class English learning WeChat group, send some high-quality English learning materials to students, or students have any problems in English learning, they can communicate with teachers and students in time in the group, convenient and quick to solve problems, which is very beneficial to English learning. And teachers and students through WeChat communication, more convenient, not limited by time and space, can timely understand the students' learning state, solve the problems encountered in students' learning, play a supervisory and promoting role in students' English learning, enhance students' consciousness of learning English, and also facilitate the consolidation of knowledge.

![Figure 1. Ability of English learners.](image)

3. English teachers in the context of computer big data

3.1. Direct data precision teaching
The construction of cyberspace must be the development of digitization to data. In the teaching mode of data, intelligence and individuation, teachers can use the network learning space to analyze the teaching problems at all levels and categories through big data, as well as the demonstration details processing, detail demonstration and so on, so as to realize the change of teaching and learning methods. Teachers can also use dot matrix digital pen, photo search, wearable devices, object perception, video surveillance and so on to construct network learning space. In the process of teaching, we can collect detailed, comprehensive and high-quality classroom learning data continuously and in real time, and realize the transparent circulation and sharing of network learning space by transmitting and exchanging data. Precision teaching is to use the development of Internet technology to use the accuracy of big data in the teaching process to accurately and effectively record students' learning situation. For example, in college English classes, teachers can use online education platform for classroom testing. Precision teaching of college English is an innovative teaching with diversified and individualized instruction for students' English learning[4]. It is the emancipating mind of the College of Public Foreign Language Education to carry out teaching reform around "building up people by virtue and taking learning as the center", to promote the quality of undergraduate training with further study rate as the core element, to build a comprehensive support system for students' development, to provide excellent teachers with strong professional ability and rich teaching experience, to provide special guidance for students in English learning, to answer the problems encountered in the process of English learning and preparation, to help students achieve better learning results and to improve their English application ability. At present, the teaching service includes four aspects: course answering, CET-4 and CET-6, entrance examination English and IELTS TOEFL, so that college English is no longer a difficult subject for students.

3.2. The Network Research Community allows individuals to connect with group wisdom

As a profession, teachers have a large number of groups, but specific to individuals, but often lack of effective interaction and coordination with groups, especially with the best individuals, it is difficult to easily connect and fully share the wisdom of teachers. Therefore, the school should actively construct the network studio of famous teachers, carry out topic discussion, subject research, teaching reform exploration and teaching practice extensively and actively, and form a multi-level network research community centered on famous teachers. Let teachers and teachers connect and share resources, enjoy the wisdom and teaching results of different teachers, and promote the individual development of teachers.
3.3. Self-diagnostic teaching observation based on recording

Classroom is the main position of teachers' teaching and an important platform for teachers to improve their professional ability. With the increasing popularity of recording and broadcasting classrooms, schools should organize teachers to carry out self-diagnosis teaching observation based on recording and broadcasting classrooms in a planned way. Each teacher should complete recording and broadcasting teaching observation at least every semester. Through the standard classroom situation, the accurate design classroom content, the interesting conforms to the student study teaching method, enables the teacher to control the student's study situation effectively, respects each student's study situation, respects each student's study difference, Thus effective stratified learning, using big data for accurate positioning and real-time tracking, to help each student learn college English better. English is a language subject and an applied subject. Through the Internet platform, in recent years, the education department and all walks of life have strongly advocated the combination of subject and students' core accomplishment. Teachers are required to cultivate students' core literacy as one of the important teaching objectives. With the wide application of big data technology in college English teaching, big data technology and tools can improve teaching efficiency. The advantage of big data is to understand each student's learning situation conveniently, quickly and accurately. In order to carry out accurate teaching, to achieve the goal of cultivating students' English core literacy. To realize the all-round development of students' core accomplishment, to train students to establish sound learning ability and personality charm, and to cultivate students' independent innovative thinking and practical ability.

4. Conclusion

From the present stage of development, computer big data has a great guiding traction and influence in people's daily life. English teaching integrates big data technology into classroom teaching in the form of new media in the new era. In the face of the problems in teaching, it is worth exploring deeply by educators. Through computer big data and teacher teaching, computer big data and student learning, computer big data and new "teaching whip" three aspects of English teaching changes, so that students' application level is improved. In the teaching mode of data, intelligence and
individuation under the background of computer big data, teachers and students explore the process of new knowledge development and participate in the development and creation of new courses[6]. In the all-round, multi-angle, timely update and presentation of massive resources of the Internet is highly developed today, expanding the space for teachers and students to learn, for learners to provide more information and choice opportunities.

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