App-Based Teaching Reform of College English Flipped Classroom

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Abstract: the development of the information age has promoted the reform of modern education. To learn English well and strengthen the practice of English communication, we need to change the traditional English teaching mode, enhance the practice of students' language communication, improve the ability of students to express themselves in English, and strengthen the interaction between teachers and students. Flipped classroom is a transformation and innovation of traditional teaching mode. In the process of teaching practice, it is found that flipped classroom teaching can significantly stimulate students' interest in learning, and to a certain extent, enhance the interaction between teachers and students. This paper discusses and analyzes the teaching reform of English flipped classroom in universities based on app. According to the data of research experiments, it can be seen that such English teaching method is beneficial to college students. Based on the background of the development of information technology, this paper discusses college English teaching and explores the teaching reform of flipped classroom based on app.

1. Introduction

With the development of our country's economy and society, the interaction with foreign countries has become more and more routine and generalized in both life and work. Not only are more and more foreigners coming to work and live in our country, but the scale and frequency of overseas travel, work, life or business of Chinese residents are growing rapidly [1]. College English teaching is particularly important in the context of the information age. In this era of economic globalization, English has become a very important language in communication [2]. English education in colleges and universities is not well integrated with people's daily life. On the other hand, the discussion and analysis on the app-based teaching reform of English flipped classroom in colleges and universities are carried out. According to the data of research experiments, it can be seen that such English teaching method is beneficial to college students [3]. To learn English well and strengthen English communication practice, we must change the traditional English teaching mode, enhance students' language communication practice, improve students' ability to express in English, and strengthen teacher-student English interaction [4].at present, most of the English knowledge that students learn in schools is purely English theory, and there is no systematic oral English course. The flipped classroom teaching mode requires students to receive direct instruction through videos or learning courseware according to their personal circumstances before the class, and during the class, the teacher uses time to improve the overall teaching effect or personalized teaching [5].

Regardless of which field we look at, china is in a period of great strides toward internationalization and opening up, and our residents are walking around the world with a confident and positive attitude [6]. Flip learning is a teaching method that transfers direct teaching from the collective learning space to the individual learning space, turning the collective space into a dynamic and interactive learning environment. The teacher gives guidance to students in applying concepts and creatively participating in subject learning. [7]. Flipped classroom is a transformation and innovation of the traditional teaching mode. In the course of teaching practice, it was found that classroom teaching using flipping teaching can significantly stimulate students' learning interest, and at the same time enhance the interaction between teachers and students [8]. The era of the universalization of English is getting closer and closer to us, and English teaching has begun to truly return to the cultivation of basic language skills. With the deepening and continuation of the

reform of flipped classroom, now in college English classroom teaching, teachers can only innovate the practice of flipped classroom and maximize the use of classroom teaching only by continually thinking and carefully designing teaching content that suits the personality of students before class. This article discusses college English teaching based on the development of information technology, and explores the reform of college English flipped classroom based on app.

2. Problems Existing in Traditional English Teaching Mode

2.1 Lack of Teacher-Student Interaction

Traditional English teaching has less interaction between teachers and students and its teaching quality is not high. For students, the teachers' generalized teaching contents cannot match their own personality problems, that is, they cannot have the effect of stimulating or ordering. It is often difficult for students to enter the state quickly after a short class practice. Many students are not active or active in class activities and it is time to finish class in a twinkling. Lack of teaching interaction between teachers and students will make students' learning situation not be confirmed in time, and students with poor learning will not receive effective guidance, which is not conducive to college students' mastery of English-related knowledge. In the past teaching, most of the time is teachers teaching on the platform, students listen to the lecture records, teachers and students in the classroom almost zero communication. The traditional English teaching mode is just a one-way teaching process. The main position of the classroom is teachers and students are in a passive learning position [10]. And teachers and students lack of interaction, in the university campus, the relationship between teachers and students is relatively loose, students in learning problems can not be solved by teachers in a timely and effective manner. Most of the communication and interaction between teachers and students are limited to the classroom, and it is difficult to achieve effective communication between teachers and students without communication and exchange.

2.2 Lack of Information Application

English teaching informatization refers to the organic combination of English teaching courses and modern advanced information technology, which is applied to college English teaching. The traditional English teaching mode can not effectively improve the students' oral English expression ability. With the development of modern information technology, more and more information technology is applied in the process of classroom teaching, which makes college English teaching and information technology more closely integrated. The traditional English teaching mode mainly comes from the textbook knowledge, the information technology is relatively low, the students' learning English knowledge is limited to the textbook, and the knowledge range is relatively narrow [11]. At present, there is a lack of application of information technology in the field of college English teaching in our country. The main reason lies in the widespread thought of emphasizing hardware and neglecting software in various colleges and universities in our country, ignoring the application of information technology in teaching. Advanced information technology has been integrated into all aspects of people's daily life, obviously including college English education, but the application of information technology in college English education is still relatively low. Generally speaking, students seldom get timely feedback from teachers when they encounter difficulties in college English classroom learning, and college teachers are also difficult to supervise and effectively grasp students' learning situation. Some teachers use multimedia teaching in English teaching only as a formality, ignoring English information teaching, which cannot effectively expand students' English knowledge and improve students' English logical thinking ability.

3. App-Based Teaching Reform of College English Flipped Classroom

APP-based College English Flipped Classroom teaching is a process of English learning through modern information technology and Internet technology. APP can effectively integrate English teaching-related resources and divide them into different texts, pictures, audio, video and other media according to different learning contents. Teachers are using big data in the background of

English teaching App. schools and teachers can conduct big data mining on students' learning habits, hobbies, learning progress and so on, thus providing guidance for classroom interactive content setting. APP-based College English Flipped Classroom teaching mode mainly uses information technology to explain and analyze the important and difficult knowledge in teaching, and makes relevant teaching materials and preparation of teaching resources. In order to really improve the efficiency of college English teaching, it is necessary to answer students' doubts about their study in time [12]. In this regard, teachers should use the interactive links in App to communicate in a timely manner to solve students' doubts and doubts. APP-based teaching mode of College English Flipped Classroom enables students to master relevant knowledge through APP before class and internalize knowledge through communication and exchange between teachers and students in class.

Most colleges and universities still adopt a single teaching mode based on traditional knowledge infusion. Teachers do not pay too much attention to developing students' English listening and speaking abilities. Only after personally participating can one know how the conclusion came into being and have a feeling of mastery through a comprehensive study of knowledge. The two classes were taught with the Flipped Classroom teaching mode and the traditional teaching mode respectively. Two months later, the students of the two classes were tested on their comprehensive English level and composition level. The obtained data on English proficiency test scores and composition test scores of the students in the experimental class and the control class are statistically analyzed by statistical software, and the statistical data are summarized in Table 1. After the experiment, the test results of the two classes were compared again, as shown in Table 2.

Table 1 Pre-Test Situation Data

	Experimental class	Control class
Number	51	50
Average age	17.4	17.6
Proportion of male and female students	38:13	35:15
English proficiency pre test average	74.2	75.2
Average score of pre composition test	72.6	72.3

Table 2 Comparison after Two Classes of Experiments

	Experimental class	Control class
Post test average of English level	78.9	76.1
Average score of composition post test	84.1	75.7

APP-based teaching mode requires students to prepare for knowledge preview in advance, preview knowledge through relevant teaching video resources, and mark knowledge points that cannot be mastered. If it is found that students are too liberal in application and lack awareness of planned self-training and promotion, the corresponding functions can be opened according to the assessment and promotion of students by setting up permission zones and grades in App. In teaching, students can also communicate with each other in groups through APP to improve their oral communication skills. Before class teaching, we need to find or make teaching resources related to class teaching, upload these teaching resources to English app, and push the sent content to students. Students can carry out English simulation training according to app, strengthen oral practice ability, so that English learning is no longer limited to time and space. In the classroom through the teacher's guidance and exchange of English knowledge for a deep understanding, so as to improve the quality of students' English learning, improve English level. The key to the application effect of flipped classroom is to solve the connection problem after the reversal of time and initiative, as well as the efficiency of matching the content and form of classroom interaction with it.

4. Conclusion

Due to the rapid development of information technology, the teaching methods of colleges and

universities must also follow the pace of the times to carry out information-based teaching. The proposed app based College English flipped classroom teaching method is the product of the times. In the context of the development of the information age, app based College English flipped classroom teaching reform has achieved preliminary results, but in order to meet the needs of social development, it is necessary to further reform and innovate this teaching mode. In the process of implementing the app based College English flipped classroom teaching mode, attention should be paid to the construction of micro video teaching resources, the supervision and guidance of teachers on students' learning process. The key to the current criticism of college English teaching lies in its inability to effectively promote students' actual language proficiency. Therefore, with the support of the Flipped Classroom application, students' actual listening, speaking, reading and writing abilities should be improved significantly. College English teaching still needs to be combined with the actual traditional classroom in a reversed and complementary way. It needs to integrate such teaching methods as differentiated teaching of students' personalities, project-based learning, question-and-answer learning, inquiry-based learning, cooperative learning and speculation to improve students' comprehensive English level and promote students' all-round development. Sex learning and other teaching modes.

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