A Study on English Listening and Speaking Flipping Classroom Teaching under Mobile learning

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Abstract: This paper briefly expounds the connotation of mobile learning and flipping classroom, analyzes the problems existing in college english listening and speaking flipping classroom teaching under mobile learning, and puts forward the optimization strategy of college english listening and speaking flipping classroom teaching under mobile learning from the aspects of actively changing the teaching idea, increasing the investment in infrastructure construction, optimizing the method of english teaching and improving the teaching ability of english teachers..

1. Summary of Relevant Concepts

English is the main language of international communication, colleges and universities should fully realize the importance of English listening and speaking teaching, pay attention to the cultivation of students' English ability, and promote students' market competition. At present, some colleges and universities have noticed the application value of mobile learning and flipping classroom mode, which is actively used in English teaching activities, but affected by some factors, the college English listening and speaking flipping classroom teaching activities under mobile learning are not carried out smoothly.

1.1. Mobile Learning

Mobile learning refers to a series of new electronic technologies, such as electronic information, network and wireless communication, which combine various methods and modes to carry out teaching activities. In this kind of teaching mode, the process of learning is interactive, and students can break through the limitation of time and space and learn to know anytime and anywhere. In mobile learning, the subject that advocates learning can be anyone, mobile learning as a way to obtain information, anyone has the right to use, people can use all kinds of methods to collect information and learn at any time and anywhere, whether it is the environment of teaching or learning information, has the characteristics of movement, which is influenced by objective environmental factors. Mobile learning has multiple characteristics, such as interactivity, accessibility, timeliness, permanence, and the randomness of learning scenarios, as shown in figure 1, which can create an intelligent learning environment, help to enhance students' subjective initiative, make students gain more knowledge of English in a limited time, and also help to develop students' autonomous learning consciousness, enhance their creativity and ability to solve practical problems.

Figure 1 Mobile learning schematic

1.2. Flipping Class

From the essential point of view, the flipping classroom refers to the teacher of the class by readjusting the internal and external time of the classroom, the initiative of the classroom is really handed over to the students (Fig .2), the use of this teaching means can break through the space and time constraints in the previous teaching mode, help to establish an equal and harmonious teacher-student relationship, and then enhance the student's comprehensive element. If we want to use the mode of flipping classroom in the listening and speaking teaching of college English, English teachers should study the English teaching materials in depth, design the teaching plan skillfully around the goal of teaching and the key content of teaching, create the corresponding teaching situation for the students, and strengthen the guidance to the students, so that the students can devote themselves to the link of English learning. The application of this teaching mode, on the one hand, can enrich the resources of teaching, on the other hand, through the use of modern information technology can also strengthen the interaction between teachers and students and students, help to ignite students' enthusiasm for English learning, cultivate their sense of autonomous learning, and further enhance the effectiveness of classroom teaching. On the whole, the flipping classroom is the product of the new era, and the use of this teaching mode in the process of college English teaching is conducive to improving students' English literacy.

Figure 2 Using information technology to create a flipped classroom

2. The Present Situation of English Listening and Speaking Flipping Classroom Teaching Under Mobile Learning

2.1. The Concept of Teaching is Backward

At present, there are still some colleges and universities english teachers' teaching concept has not changed in time with the change of the times, it is difficult to meet the needs of the development of the times, the main purpose of english teaching in colleges and universities is to enhance the competitiveness of students in the workplace, and to cultivate people with all kinds of quality for the society. However, some English teachers still follow the past teaching idea in the actual English teaching activities, pointing out clearly what English content students need to master in different learning stages, and do not set the teaching plan reasonably according to the students' actual learning needs. Students only learn to deal with the English examination, using the method of rote learning, the effect of English learning is not ideal[1].

2.2. Teaching Methods are Unscientific

The teaching methods used by most college English teachers in specific teaching activities are not suitable. In English class, teachers only explain the contents of the teaching materials to students, and habitually apply their own teaching experience also requires students to learn according to their own steps, in the evaluation of students, also use subjective judgment too much, the evaluation is not scientific, some teachers adopt the method of stage examination, use the students' test results to measure the students' mastery of English and evaluate their English level. These evaluation methods are very unreasonable, lack of attention to the individual differences of students, in the English teaching link did not show the main body of students. Influenced by the concept of examination-oriented education, in college English teaching, the effect of flipping classroom is not. Not only that, some teachers also require students to carry out online learning at a fixed time, resulting in students can not arrange their own time reasonably, the initiative is not strong, in such a teaching mode, the enthusiasm of students to use the network to learn English knowledge has been seriously weakened, only for the sake of learning, the quality of English teaching is difficult to guarantee[2].

2.3. Infrastructure Lags Behind

Nowadays, the main problem in college English audio-visual teaching is that the hardware facilities of the school are not. If the school's hardware is difficult to meet the requirements of teaching, English teachers will not be able to use the advanced teaching equipment to upload a large amount of English resources to the campus network, and students will not be able to use the Internet to search and download the resources of English learning.

3. The Optimization Strategy of College English Listening and Flipping Classroom in Mobile Learning

3.1. Actively Changing the Teaching Concept

In order to carry out the college English flipping classroom teaching based on mobile learning smoothly, English teachers should grasp the specific situation of each student in an all-round way, analyze the problems existing in the school in adopting mobile learning methods, and formulate targeted English teaching strategies according to the students' major and their actual learning needs. For different industries, there are certain differences in their demand for talent ability, and with the increasing age of students, they will make different choices about the future development. For this reason, when using the teaching method of flipping class, English teachers should not put forward too high requirements for those students with low talent in English language, and should guide such students to learn the subjects they are good at according to their own needs.

3.2. Increase Investment in Infrastructure Construction

Colleges and universities should pay more attention to mobile learning and flipping classroom teaching, increase investment in school hardware facilities, improve school teaching conditions, equip every English class with professional education equipment, and actively purchase cutting-

edge learning software. Moreover, colleges and universities should constantly strengthen their own network construction to ensure that teachers and learning can use the network smoothly. Teachers can upload the teaching documents and resources needed to flip the classroom to mobile learning platform in advance to facilitate students' downloading and autonomous learning. In order to better implement the personalized English online teaching, colleges and universities can also take appropriate measures to provide protection for mobile learning, such as using the method of out-of-school funding or student loan, to let students have a laptop for learning, and guide students to use their own notebook to carry out their learning activities. In this process, schools should also pay attention to avoiding students' excessive addiction to the Internet.[3].

3.3. Optimizing Teaching Methods

In order to improve the scientific nature of teaching activities, colleges and universities need to innovate the arrangement of teaching, set up the calendar of teaching reasonably, break through the assessment system that the previous achievements determine everything, and judge the students' ability from many angles. When changing the teaching methods, teachers should strengthen the contact with the students, actively communicate with the students, grasp their learning situation and psychological characteristics, and design the teaching plan on the basis of it, increase the density of the examination in peacetime, check the students' mastery of English knowledge in time, and use the reasonable evaluation method to examine the students' real English level.

3.4. Improving the Teaching Ability of English Teachers

There is a close connection between the quality of English teaching and the teaching level of English teachers. In normal teaching activities, English teachers should strengthen their own learning, strive to improve their own professional skills, skillfully apply network technology, and use multimedia to make teaching courses. In the design of multimedia courseware, teachers should pay attention to highlight the key contents of teaching, give full play to the educational advantages of mobile learning and flipping classroom, and enrich the resources and methods of English teaching, so as to realize the purpose of teaching. Not only that, English teachers should further improve the system of English knowledge, deeply realize the significance of turning over the classroom teaching mode based on mobile learning, and rationally use the modern teaching system. Colleges and universities need to pay more attention to teacher training, actively change teachers' backward teaching ideas and methods, and improve teachers' teaching level and teaching ability.[4].

Figure 3 English teacher training

4. Conclusion

To sum up, with the continuous development of modern information technology, mobile learning and flipping classroom are widely concerned by people. In order to improve the students' English level in an all-round way, colleges and universities can fully refer to the above teaching strategies, enrich the resources of English teaching, improve the quality and efficiency of English teaching, and promote the all-round development of students.

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