

# The Practice and Research of Mooc Based Flipped Classroom Model in College English Teaching

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**Abstract:** With the rapid development of technology, its application in the field of education continues to deepen, with the emergence of new education concepts, especially in the context of humanism, constructivism and other concepts, which provide strong technical and theoretical support for the reform of traditional education concepts, and assist the rapid development of education industry. In addition, under the influence of various factors, the flipped classroom model based on MOOC has entered people's vision, and the efficient application of this new model has become an important topic worthy of discussion. In order to improve the effectiveness of College English teaching, this paper will study the practice of MOOC based flipped classroom model in College English teaching.

## 1. Introduction

MOOC is also known as MOOC, in which “m” stands for massive, the first “O” stands for open, the third “O” stands for online, and the last “C” stands for course. In addition, MOOC, as a relatively representative scientific teaching mode, comprehensively utilizes the concepts of Constructivism Learning, humanistic learning and procedural teaching. Flipped classroom mainly refers to a teaching mode of teaching activities with the help of network platform. Compared with the traditional education mode, it breaks the limitation of time and space, and is of great significance to cultivate students' independent learning ability. The flipped classroom mode based on MOOC mainly refers to the innovation and integration of campus education and MOOC teaching in the era, which plays an important role in promoting the personalized and digital teaching system. Therefore, this paper will analyze the application of MOOC based flipped classroom model in College English teaching, and realize the further optimization and reform of College English teaching.

## 2. The Elements of Constructing Flipped Classroom Model Based on Mooc in College English Teaching

### 2.1 Elements of Teachers and Students Construction

Nowadays, College English courses span four semesters, generally four hours a week, and are divided into one semester. Compared with the teaching materials, the teaching time in the classroom is very limited. If we want to complete the corresponding teaching task effectively, and if we adopt the MOOC based flipped classroom teaching mode, if the English teacher is the first to adopt this mode, we suggest that two or more lecturers select two or more lecturers to fully understand the relevant theoretical knowledge of the flipped classroom, so as to spread the educational idea of the teacher. The instructor puts the students in the first place in the classroom, and guides the students to study independently by playing micro video, etc. at the same time, the teacher can also communicate and discuss the students with the help of social platform for the key and difficult knowledge and review key points in the classroom teaching process, so as to realize the efficient play of the flipped classroom based on MOOC. In view of the composition of students, considering the differences of majors chosen by students in the university stage, and after stratified examination, the number of students in each class is more than 60. At the same time, the students in the

University come from all over the country, and the college entrance examination papers are not uniform, which shows that there are certain differences in students' English proficiency. Therefore, teachers are adopting the flipped classroom teaching mode based on MOOC We should have a certain understanding of the actual situation of the students in the class.

## 2.2 Elements of Environmental Construction

The construction of flipped classroom teaching environment based on MOOC mainly includes the following two elements: first, English teaching materials, combined with the actual requirements of flipped classroom implementation, generally need to choose digital teaching materials with strong interaction, and the assessment method should focus on the formative assessment method, emphasizing the assessment of students' listening and speaking ability; second, the network environment, compared with the traditional big In learning English teaching, the flipped classroom mode based on MOOC has higher requirements for the network environment. If conditions permit, the school mode should transform and audit the digital language training room, build an independent multi-functional training room, and provide necessary environmental conditions for the reform of College English Teaching [1].

## 2.3 Process Building Elements

The teaching process of flipped classroom model based on MOOC generally includes: pre class knowledge transfer, classroom knowledge internalization, knowledge consolidation and reflection feedback. In the pre class knowledge transfer process, English teachers should download appropriate app in combination with teaching materials, and guide students to download Student Version, so as to provide necessary conditions for the realization of online teaching. At this stage, English teachers should also arrange appropriate pre class tasks, and guide students to carry out targeted training through online modules. The internalization of classroom knowledge mainly refers to that teachers check the completion of students' tasks based on the learning records of students on the interactive platform, and guide students to preview and summarize in class. After that, English teachers can use a variety of teaching methods to carry out classroom teaching activities. Knowledge consolidation mainly focuses on guiding students to strengthen their understanding of the knowledge learned in the classroom through interactive communication. At this stage, English teachers guide students to make appropriate comments on their learning achievements. The reflection feedback link mainly refers to that English teachers analyze the growth and learning time of students according to the data of the learning system, give full play to their own supervision and guidance role, let students complete the specified tasks according to the requirements, and regularly send the system generated rankings to students, so as to promote the formation of benign competition [2].



Fig.1 Flipped Classroom

### 3. The Lack of Practice of Mooc Based Flipped Classroom Model in College English Teaching

#### 3.1 Problems of Teachers

As the direct implementer of MOOC based flipped classroom model, teachers have a direct impact on its implementation effect. However, at present, some teachers have the psychology of backward education concept and more exclusion of the new teaching mode, which has a negative impact on the construction of the flipped classroom model given to MOOC. The shortcomings of English teachers are mainly reflected in the following aspects: in the pre class knowledge transfer link, English teachers should download the appropriate app in combination with the teaching materials, and guide students to download the student version to provide the necessary conditions for the realization of online teaching. At this stage, English teachers should also arrange appropriate pre class tasks to guide students to carry out targeted training through online modules Practice. One is that the education concept is backward, and some teachers are influenced by the traditional education concept, unwilling to absorb the new teaching concept; the other is that the flipped classroom teaching experience is insufficient, and the flipped classroom model based on MOOC belongs to a relatively new teaching model. Some teachers have doubts about their application ability, and they are worried that they will not organize teaching activities or cut off power in the course of class The third is that it is difficult to work. Based on the practice of MOOC's flipped classroom model, teachers need to use their spare time to prepare lessons, video recording, PPT production and post-processing. Compared with traditional teaching methods, it increases teachers' workload to a certain extent, and the flipped classroom model based on MOOC can The form of reference is less, which makes its classroom practice have certain limitations [3].

#### 3.2 Students' Questions

At present, due to the long time for students to accept the traditional education model, the addition of a new teaching system will cause some problems for students, which are specifically reflected in the following aspects: first, the ability of self-learning is weak, and the flipped classroom model based on MOOC will adopt micro video for teaching, emphasizing the dominant position of students, but some students can learn by themselves The weak force makes it unable to invest 100% in the micro video teaching; the second is the low participation in the classroom. During the university period, due to the weak attention of some students to the classroom, it can not fully invest in the teaching classroom, which makes the effectiveness of the flipped classroom model based on MOOC low.



Fig.2 Students Have Problems

#### 3.3 Hardware Problems

Compared with the traditional teaching mode, the flipped classroom mode based on MOOC has higher requirements for equipment, including network equipment, multimedia computer equipment, electronic whiteboard and projection equipment. Due to the limitation of capital conditions or

attention, some schools do not provide necessary equipment knowledge, which limits the flipped classroom based on MOOC to a certain extent Further development of the model. In addition, due to the lack of targeted service departments in some schools, it is difficult for teachers to seek help when there are problems in the use of relevant equipment.

#### **4. The Optimization of the Flipped Classroom Model Based on Mooc in College English Teaching**

##### **4.1 Strengthen Teacher Training**

Based on young teachers and training all English teachers on a regular basis, the training focuses on the following aspects: first, education concept, guiding all English teachers to change their education concept through strengthening publicity and training, and understanding the educational significance of MOOC based flipped classroom model; second, platform use training, so that each English teacher can clearly understand the relevant equipment and software The specific operation methods of the components provide conditions for the development of flipped classroom; the third is the improvement of teaching ability. By holding regular symposiums, Demonstration Courses and exchange meetings, teachers are guided to learn from each other, and other teachers' teaching habits, video and PPT production methods are absorbed to further improve teachers' teaching ability.

##### **4.2 Improve Hardware Equipment**

In combination with the actual situation of the school and the actual needs of teaching, the network and projection equipment should be improved. In addition, the school should also comply with the requirements of social development for talents, build a multi-functional language training room, if necessary, each class can be equipped with the first equipment, and optimize and upgrade the network, to provide equipment environment support for the realization of flipped classroom [4].



Fig.3 Hardware Device

##### **4.3 Improve Guidance**

Through the development of relevant supervision system, we can supervise teachers' teaching activities and effectively guarantee the smooth development of flipped classroom based on MOOC. At the same time, it can also guide teachers to submit and exchange results reports, improve the recognition of flipped classroom by all parties in society, and promote the smooth development of flipped classroom based on MOOC.

#### **5. Conclusion**

The smooth development of the flipped classroom teaching mode based on MOOC can not be separated from teachers, students, equipment and other elements. In this regard, in order to promote the smooth development of the flipped classroom teaching mode based on MOOC, optimization and improvement should be carried out from these three aspects. Teachers should change the education

concept, implement the flipped classroom teaching mode effectively, and the school mode should provide necessary equipment support.

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