

# Construction of Flipped Classroom Teaching Mode for College English Based on Network Teaching Platform

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**Abstract.** As new curriculum reform goes deep and develops, and information technology develops rapidly, higher requirements for college English teaching have been put forward in recent years. Under such background, flipped classroom teaching mode based on network platform emerges, and receives extensive attention of all sectors of society to some extent. Based on analyzing relevant knowledge of network teaching platform and flipped classroom teaching mode, this paper discusses specific measures to construct flipped classroom teaching mode based on network teaching platform in college English teaching for reference.

## Introduction

College education is an important stage of school education in China and also a significant stage for China to train professional skilled talents. In recent years, as new curriculum reform goes deep and develops, social expectation for college education has become increasingly high. Relevant documents of medium and long-term education reform, development and planning also indicate in current classroom teaching process, it is required to fully utilize and refer to internationally advanced teaching ideas and modes and combine advanced science, technology and achievements to facilitate reform and development of school education so as to enhance competitiveness of Chinese education in international educational field to a great extent and improve the status of Chinese education in the world. English education is a basic and important language learning course in Chinese college education. Under current background of education transformation, the reform process of English education receives much attention of all sectors of society. The rapid development of information technology also makes many advanced sciences and technologies enter classroom. It serves as an efficient teaching assistance means or tool and contributes to teaching effectiveness. Flipped classroom as a emerging teaching mode in current classroom teaching receives the attention of all sectors of society due to its unique charm and advantages. It is widely applied in classroom teaching process. Thus, under such a general background, how to take effective actions, give full play to the advantages of network teaching platform, construct flipped classroom teaching mode and promote teaching development becomes the problem that current teachers generally think over.

## Definition and features of flipped classroom

### **Definitions of flipped classroom teaching mode and network teaching platform.**

Under the general background of new curriculum reform, flipped classroom teaching mode is widely applied in classroom teaching process, and plays a great role in improving teaching effectiveness. The concept of flipped classroom teaching mode was explicitly proposed in 2000. It was first applied in an American high school - Forest Park High School. At first, it aimed to solve the problem and trouble of missing normal school activity and influencing teaching progress and learning speed. It mainly recorded teaching video through screen capture software and then helped students to learn and review through PPT demonstration and explanation. Later, due to good effect, it was greatly supported by students. Thus. The school tried to let students watch video at home for learning, which also received good effect. Flipped classroom teaching mode refers to a teaching mode which emerges under the background of continuous development of information technology. The teacher makes the teaching process into video file in advance. Students take it home for independent watching and

learning. Then, the teacher and students discuss and explain in classroom as well as share their experience so as to achieve the expected teaching objective. Network teaching platform mainly refers to a kind of teaching software which is established by the application of modern information technology and relevant education theory, and can offer service and support remotely. Such software can set a virtual platform and environment for classroom teaching to a great extent so that students and teachers can own the space rich in individuality in teaching process. In college English teaching process, it is significant to construct flipped classroom teaching mode, but construction of this mode needs certain hardware conditions. Firstly, the construction of flipped classroom teaching mode needs thorough network service system as basic support. At present, college network construction is relatively complete, and the equipment is generally advanced. General colleges can achieve complete coverage of wireless network so that good conditions are provided for the study of students and teachers. The construction of flipped classroom teaching mode based on network platform in college English teaching process can offer great convenience for communication between teachers and students through transmitting and playing teaching video and timely feedback of students' test.

#### **Features of flipped classroom teaching mode.**

Flipped classroom teaching mode as an emerging teaching mode has obvious features, compared with traditional teaching mode. Firstly, it has strong scientificity. In traditional teaching mode, the teacher explains and students listen to the teacher. Then, students complete relevant exercises after class. In such mode, the teacher often spends a class hour in explaining knowledge points. Thus, the teacher and students lack communication. But in flipped classroom teaching mode, the teacher no longer spends classroom time in explaining knowledge points, but students actively and consciously acquire knowledge in the process of viewing the video. Besides, students can communicate with the teacher or classmates in the network teaching platform in time and look up all kinds of materials required in the learning process. In such mode, the teacher not only acts the role of instruction, but also shoulders the responsibility of cooperation so as to improve students' autonomous learning ability. Secondly, it greatly conforms to current development trend of information education and online education. Experts' researches show that information education and online education can make learning efficiency double through enhancing communication among students. The construction of flipped classroom teaching mode conforms to this trend to a great extent. It greatly changes the relation and status of the teacher and students in traditional teaching mode. The center of classroom teaching changes to "learning" from "teaching". Thus, the whole classroom teaching activity is effectively optimized, which contributes to practically enhancing teaching effect. Finally, its evaluation modes are more abundant and diversified. In traditional teaching process, the teacher often adopts paper test to evaluate and measure students' learning effect. Such single evaluation mode is difficult to overall evaluate students' learning situations. Flipped classroom teaching mode adopts multiple perspectives and multiple modes to comprehensively evaluate students' learning, and it is more beneficial to promote students' integrated development.

#### **Specific approaches and methods to construct flipped classroom teaching mode based on network platform in college English teaching**

Construction of flipped classroom teaching mode based on network platform in college English teaching contributes to constructing virtual environment and platform for teaching, enhancing communication and exchange between the teacher and students, improving classroom teaching efficiency and boosting students' independent learning ability. Although more and more teachers realize the importance of flipped classroom teaching mode, some teachers have some deficiencies in cognizing relevant concepts and methods of flipped classroom teaching mode in actual college English teaching process. Thus, flipped classroom teaching mode cannot be well carried out. In specific practice, students cannot be well guided, which influences improvement of teaching effectiveness. Therefore, how to take actions, construct flipped classroom teaching mode based on network teaching platform in college English and promote sustainable development of teaching becomes the question thought over by teachers. This paper proposes the following suggestions for reference.

### **Record superior teaching video before class.**

Compared with traditional teaching mode, flipped classroom teaching mode based on network teaching platform greatly differs. Firstly, it makes students learn knowledge through teaching video. Thus, teaching video plays an important role in constructing flipped classroom teaching mode. In the process of constructing flipped classroom teaching mode, the problem to be solved first is to record superior teaching video before class. The quality of teaching video will directly decide the transmission and learning of pre-class knowledge and influence implementation of follow-up teaching activity and realization of teaching effect to a great extent. Hence, when the teacher records teaching video, the teacher should overall consider and grasp features of teaching content, overall design, visual effect of video, time and interaction link optimization etc. in order to guarantee the quality of video. In college English teaching process, teaching content arrangement is based on the theme or activity of each unit. Hence, in teaching design process, the teacher should pay attention to overall grasping comprehensiveness and integrity of teaching content, and consider connection and richness of each link in teaching process. With the development of network information technology, although network teaching platform offers rich teaching resources and materials for teachers, this also puts forward requirements for teachers' information processing capability. The teacher should organize these resources and choose the most suitable for teaching resources and materials according to the features of teaching content. After completing teaching design and handling relevant details, the teacher should choose appropriate recording software. After the video is recorded, the teacher should carry out detailed post-processing of the video. Finally, the teacher uploads the teaching video to network education platform so that students can watch or download it. In this way, students can conduct independent learning by teaching video of network teaching platform and freely arrange learning speed and schedule according to their time. This greatly solves unidirectional defect and deficiency of traditional classroom teaching and contributes to making every students can gain. In addition, the teacher can set some targeted pre-class preview exercises through network teaching platform for students' online test. Then, the teacher can adjust and arrange design and explanation of teaching content according to test feedbacks, which is beneficial to improving teaching effectiveness.

### **Specific approaches to carry out classroom teaching activity.**

In the process of constructing flipped classroom teaching mode, teaching video making is only one aspect. Therefore, the completion of teaching video is not equal to successful achievement of classroom flipping. The realization of knowledge internalization in the communication process of the teacher and students in classroom teaching process is an important criterion of measuring whether flipped classroom teaching mode is successfully constructed. Hence, after students view the teaching video, the teacher should arrange one lesson to communicate between the teacher and students and share learning experience etc. In this way, based on fully knowing students' mastery of knowledge, the teacher can guide students to achieve knowledge internalization, create favorable situation and atmosphere for students' English output and practically improve students' comprehensive English abilities and level. In flipped classroom, the teacher should pay sufficient attention to utilizing and exerting the important role of "guide", and take measures or create situations to attract students to take active part in classroom discussion so as to boost students' learning ability. For example, the teacher may utilize network teaching platform to establish discussion group by taking a class as the unit, let students freely express their gains or problems in this platform, promote active communication among students and offer certain platform for students' English exercise. As well, the teacher may design some cooperative activities to guide and facilitate communication among students, such as discussing and analyzing the vocabulary or grammar learned in the teaching video; combining pre-class exercise in network teaching platform to carry out social investigation by taking the group as the unit and generating survey report for the results. This can greatly motivate and mobilize students' enthusiasm, contributes to cultivating and improving students' cooperation ability and facilitating development of students' English level and ability.

### **Create cooperative learning environment.**

With social development, mobile learning is greatly favored by students, because it gets rid of time and space limits. Thus, the teacher should make the best of advantages of network teaching

platform, create a independent, inquiry-based and cooperative learning environment and offer good environment and atmosphere for expanding and extending flipped classroom teaching mode in the process of constructing flipped classroom teaching mode based on network teaching platform. For instance, in college English network teaching platform, the teacher may add or upload some voice frequencies, texts and other superior teaching resources about the teaching content for students' learning and downloading. Or, the teacher may try to apply test feedback, communication and cooperation etc. in network teaching platform to effectively manage students so that students can acquire relevant teaching resources or participate in relevant activities according to their learning needs. In this way, great convenience can be provided for students' learning and exchange. Meanwhile, the teaching can reach double effect with half work, and teaching efficiency can improve.

## **Conclusion**

College English is an important education content. Construction of flipped classroom teaching mode based on network teaching platform in college English teaching process is of great significance for teaching and students. But, this cannot be achieved in one action. The teacher needs to continuously try and explore in the specific practice so as to find out an effective method and approach and promote teaching development.

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