Research on the Application of “Integration of Guiding and Learning by Three-stage Advancement” in College English Microteaching Based on Cloud Platform

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Abstract. The introduction of micro lecture has opened a new window for college English teaching. With micro video as the main carrier, supplemented by abundant teaching resources on the cloud platform, teachers guide students to conduct effective independent learning in the three stages: pre-class, in-class and after-class.

Introduction

At present, the rapid development of information technology continuously promotes the progress of vocational education and provides technical support for the reform of higher education. In this context, micro-lecture has been widely concerned by the educational circles at home and abroad[1]. "National College Micro-lecture Teaching Competition" and "China Micro-lecture Competition", the two series of high-level foreign language micro-lecture competitions have pushed the foreign language micro-lecture teaching to a climax[2]. In addition, today is a "cloud" era. The flexible time and space of cloud platforms enable students to acquire information resources anytime and anywhere and carry out fragmented learning. This paper discusses how to improve the students’ learning by taking micro-lecture as the knowledge carrier under the cloud platform environment.

Microteaching Method Based on Cloud Platform

Micro-lecture is delivered through cloud platforms and is a new curriculum, which is based on a series of micro-videos and is optimized and combined with teaching objectives, teaching resources, teaching tasks, homework and interactive evaluation. The core content of micro-course is a series of micro-videos. It also includes a series of auxiliary learning resources, such as the teaching syllabus, students’ self-learning task list, teachers’ teaching instructional courseware (PPT), pictures, audio-visual materials, after-class exercises and so on.

The Application of “Integration of Learning and Guiding by Three-stage Advancement” in College English Microteaching Based on Cloud Platform

The teachers use teaching resources such as micro-lecture video, under the support of cloud platform technology environment, guide students to study in three stages: pre-class preview, in-class learning, after-class improvement.

Pre-class Preview

Before class, without changing the traditional classroom structure, teachers record 30% - 50% of the content (that is, key and difficult points) taught in class into micro-videos and publish them on the cloud platform. Students learn courseware and video autonomously in advance and complete online pre-test through the network. Teachers can log on to the platform to instantly understand the students’ learning situation, including landing time, learning time, learning times, testing situation, students’ discussion area, etc. Teachers discover the difficulties and problems in students’ preview
according to the students' learning data and the completion of the pre-test on the cloud platform, and adjust the classroom teaching in time.

**In-class Learning**

In the classroom, teachers guide students to "break through difficulties". Students communicate with each other in groups, check the task sheets of autonomous learning, discuss and try to solve difficult problems in groups by themselves. Then, the teacher led the students to review the key knowledge points and difficulties in the micro-lecture video, focusing on the representative key points and knowledge points in the pre-test autonomous task list. Finally, we enter the "in-depth inquiry" link. All the students independently complete the advanced tasks in class within a limited time, and show the results in the group and conduct mutual evaluation. The students are selected to explain and demonstrate the knowledge points and supporting exercises in the class, and the teachers supplement and explain the doubtful and difficult points.

**After-class Improvement**

In their spare time, students can learn repeatedly by viewing online resources, or ask teachers for help through interactive communication platform between teachers and students. Teachers can also produce micro-videos related to the theme to help students consolidate the knowledge learned in the classroom after class.

**Summary**

As a new teaching mode, “Integration of learning and guiding by three-stage advancement” in college English microteaching based on cloud platform, has realized the high efficiency of classroom teaching. Make full use of information technology, flip learning methods, micro-lecture as an effective knowledge carrier and learning aids, show new knowledge before class; discuss, communicate, explore and solve the doubtful points in class; consolidate, expand and extend the learned knowledge after class.

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**Reference**
