Research and Application of "Efficient Classroom" in Application Oriented University Teaching

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ABSTRACT

With the development of society, the traditional teaching mode is no longer suitable for the needs of Application-oriented Colleges and universities. "Efficient classroom teaching mode" combination of micro class and MOOK cyber source, not only can improve the teaching effect, improve the learning interest of the students, but also develop new problems, analyze and solve new problems in the ability to find students, to cultivate students' innovation consciousness.

KEYWORDS

Efficient classroom; guided learning case; classroom display.

INTRODUCTION

The "national long-term education reform and development plan (2010-2020)" clearly put forward to improve the quality of higher education, the ninth chapter put forward to strengthen the application of information technology, information technology to improve the level of teachers, update teaching concepts, improve teaching methods, improve teaching effect; encourage students to use information means of active learning, autonomous learning and enhance the ability to analyze and solve the problems by using information technology. However, in the vast majority of colleges and universities, especially in classroom teaching in application-oriented universities, the traditional teaching mode of "cramming" and "base" still occupies a dominant position. Teachers speak on the platform, while students sleep under the platform, this situation leads to low teaching efficiency, poor teaching effect. Application of "efficient" classroom teaching mode can fundamentally solve the above problems, it can make the traditional classroom "want me to learn" to "I want to learn", greatly improving the efficiency of teaching, but also improve the students' ability to analyze problems, solve problem and team cooperation consciousness.

DEFINITION AND FUNCTION OF "EFFICIENT CLASSROOM"

The Definition of "Efficient Classroom"

Efficient classroom refers to teaching efficiency or effect can reach very high target class, refers to the completion of teaching tasks based on effective classroom and teaching objectives reached higher efficiency, better effect and higher education influence and social benefits of the classroom. It is originated in the late twenty-first Century and early twentieth Century educational new things.
The Role of "Efficient Classroom"

"Efficient classroom" is using segmented teaching mode. That is, the teacher gives the guidance case, students learn independently according to the guidance case, the members of the group are reengaged in learning and cooperation. According to the requirements of the guidance case, each group displays in the classroom. Finally, peer review and teacher comments were made among the groups. This "sectional" teaching mode can cultivate students' independent learning ability. In the application oriented institutions of higher learning, independent self-study ability is one of the basic qualities that students should possess. The "sectional" teaching mode also can cultivate students' sense of teamwork, and improve students' ability to analyze and solve problems.

ANALYSIS OF THE CURRENT TEACHING SITUATION OF APPLICATION ORIENTED UNIVERSITIES IN CHINA

With the continuous development of Internet technology, the teaching mode of each teaching level is also changing. The construction of information technology, network, distance education and other teaching mode has gradually become the focus of education. The teaching reform in middle school has already produced extensive influence all over the country. But the vast majority of application oriented university teaching is still in the traditional teaching mode.

In the traditional teaching mode, the teacher is the main body of the teaching, the teaching process is led by the teacher, the teacher's teaching level, and teaching methods determine the students' learning effect. From the student's point of view, in the traditional teaching mode, students passively accept knowledge transfer, and learning is the process of knowledge accumulation. However, the passive acceptance of knowledge, so that students gradually develop the habit of not thinking, do not want to ask, not ask "why". This habit bound and killed the students' innovative thinking in the development of students' thinking.

THE APPLICATION OF "EFFICIENT CLASSROOM" IN THE TEACHING OF APPLIED UNIVERSITIES

"Efficient classroom" should be reflected in the students' learning and teachers' teaching, and its core should be that students obtain the most knowledge in the unit class, and improve the ability to solve the problem to the greatest extent. How to achieve the core content of "efficient classroom" in application oriented colleges and universities, the author believes that the following links should be included.

Guidance

Guiding learning, that is, guiding students to learn, usually adopts the form of learning guidance. The guiding case is equivalent to the teacher's lesson plan, but it is more detailed than the lesson plan, should be guided by learning method, and should
be marked with heavy and difficult points. The quality of the guiding case directly affects the students' learning effect, which requires the teacher to make every tutorial case attentively and carefully.

**Independent Learning, Group Learning, Cooperative Inquiry**

"China newspaper" in 2011 to teach "PISA" after winning the education in an article wrote "Shanghai students in learning strategy, generalization, comprehension and memory strategies are close to or higher than the average value of OECD, but lower than the average value in self-regulatory strategies. This shows that students are not good at choosing, judging and reflecting the key and difficult points of reading materials, and their self-study ability is not enough." Chinese and foreign experts and scholars on the views of education Chinese agree: China solid basic education, cultivate the students' knowledge accumulation is strong, generally strong computing ability, ability of test is generally stronger than the European and American students; but in the application of knowledge, practice and innovation ability to common problems, to catch up with Western students, or even catch the Asian Education in developed countries students. But in the application of knowledge, practice and innovation ability is generally insufficient, cannot catch up with students in Europe and America, and even cannot catch up with Asian education developed countries students.

"Efficient classroom" based on the guidance case, to solve the problem as the main line, focus on training students to discover new problems, analyze new problems, solve new problems ability, cultivate students' sense of teamwork. It takes the independent study, the group study, the cooperation inquiry and the classroom display as the main link to carry out the classroom instruction concretely.

Independent learning is a process that students can explore knowledge according to the learning guide case. They can use micro class, MOOK and some other learning methods to learn independently. This process is that students discover new problems, analyze problems, solve problems ability. In the teacher's traditional view, the student has no problem, indicating that the class has been successful. However, it is because of this wrong concept of education that students lack the serious consequences of conscious thinking. "Asking questions is more important than solving problems", "No problem is the biggest problem". Therefore, it is very important to cultivate students' awareness of problems.

**Classroom Presentation and Classroom Evaluation**

The display is the process that students can summarize their knowledge in simple and understandable form on the basis of learning independently, group learning and cooperative inquiry, according to the content of the guidance case. It is the process of testing the effect of self-study. The exhibition is divided into small group display and classroom display.

The small display within the group can be a learning demonstration between the members of the group before the class show, or a pre-presentation before the class presentation. Through the small display in the group, we can find the problems of students in the display process, language expression and show manners in advance, in order to facilitate students to further modify, improve the display content, improve
their language ability. The classroom presentation is based on the study group, which can be displayed through comic sketches, debate contests, storytelling and other forms. Classroom display not only can test students' mastery of knowledge, but also can improve students' language expression, communication, on-the-spot play and other aspects of ability.

Small display and classroom display in the group can not only train students' sense of teamwork, cultivate students' ability to discover new problems, analyze new problems and solve new problems, but also improve the overall quality of students.

Classroom evaluation can be divided into group evaluation and teacher evaluation. Classroom evaluation needs to run through the whole classroom teaching, and it is an important part of "efficient classroom" teaching. Whether it is between group evaluation and teacher evaluation, in order to find the advantages or disadvantages and shortcomings, so that teachers can improve teaching in time, students can timely adjust learning methods. Between groups evaluation and teacher evaluation, are to discover the advantages or disadvantages and shortcomings, so that teachers can improve teaching in time, students can timely adjust learning methods.

Teachers Help

Teachers help should be a punchline, can let students have the feeling, click into place. Through the teacher's instruction, students can learn how to think, how to solve the problem, let the students' ability be further improved. Teachers help is one of the “efficient classroom” in the essential link, is one of the important guarantee to guide students effective learning.

POSSIBLE PROBLEMS AND COUNTERMEASURES

The implementation of "efficient classroom" requires the active participation of students. The effect of independent learning and group learning directly affects the situation of classroom presentation. Therefore, the design of learning guidance case is very important, which requires the teachers to invest more effort, and design the guidance course from the shallower to the deeper and progressive layers, which can guide the students to actively study.

The application oriented colleges and universities without the pressure of college entrance examination should focus on improving students' ability to discover problems, analyze problems and solve problems, and cultivate students' innovative consciousness. Therefore, the evaluation of classroom teaching of "efficient classroom" in application-oriented universities should be biased to peer review and student comments. This requires teachers to consciously guide students, so classroom evaluation needs teachers to play and deal with emergencies on the spot ability better, can deal with students put forward a variety of problems.

SUMMARY

"Ten-year development plan of education informatization" (2011-2020) points out: The development of educational informatization should be guided by the innovation of educational ideas, based on the construction of high quality educational resources and
information learning environment, taking learning method and education mode innovation as core. With the continuous development of the Internet, teaching resources are constantly enriched. Although rich teaching materials such as top-quality courses, video teaching websites, micro courses and MOOK provide the resource guarantee for the implementation of "efficient classroom". However, the implementation of "efficient classroom" also requires teachers to change their teaching ideas from the perspective of ideology. Of course, not all subjects are suitable for "efficient classroom" teaching methods. Different subjects need teachers to explore the teaching mode suitable for their own subject characteristics. Innovating teaching methods, reforming teaching models, exploring educational and teaching system more suitable for application oriented universities.

REFERENCES