

The Important Role of Pad Classteaching Mode in Enlightening College Students' Thinking

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Abstract: “PAD Class” is a new teaching mode which adapts to the education with personality and information characteristics. Its core is to give half of the teaching time to teachers and half to students for discussion in class. This paper analyzes the concept, characteristics and functions of the “PAD Class” teaching mode. This paper discusses the implementation steps of “PAD Class” in college classroom, and puts forward the specific implementation countermeasures. Through the implementation of “PAD Class” in college classroom, students' personality can be liberated, and the problems such as absenteeism and slack in class can be solved. This method can promote the reform of college classroom teaching and promote college students to strengthen thinking, which is a teaching mode that can be popularized.

1. Introduction

In recent years, with the rapid development of China's higher education, it has transformed from elite education to mass education, but the quality of higher education has declined significantly. The rate of late arrival, absenteeism, playing mobile phones and being in a daze are high in the classroom of college students [1-2]. They are indifferent to the teaching content and are moved to accept knowledge. It's very common that students don't preview, review, indulge in online games, and don't absorb and transform knowledge after class, especially the students in the secondary and lower schools, which leads to the teachers reducing the difficulty and requirements of teaching, and sometimes even the basic teaching tasks can't be completed. At present, China's colleges and universities are constantly reforming, teaching tools and teaching resources are gradually enriched, teaching methods and teaching modes are constantly updated and integrated, and a series of teaching modes such as micro class, MOOC, flipped classroom and so on have been applied in classroom teaching [3]. But at present, most colleges and universities still focus on traditional teaching, There are the following common problems: too much teaching, too little participation; There are too many conclusions and too few discussions; Too much book knowledge and too little practical training. In college classroom teaching, how to better implement the people-oriented concept, stimulate students' interest and passion in learning, really pay attention to students' learning needs, and practice the “student-centered” undergraduate teaching reform is the most important goal of our college classroom teaching reform [4-5]. In view of the problems existing in the current

college classroom, combined with the advantages of lecture class and seminar class, this paper mainly discusses how to implement the “PAD Class” teaching mode in college classroom teaching. In order to clarify the roles and responsibilities of teachers and students in college classroom, seek better implementation countermeasures, effectively reform and integrate the college classroom teaching mode, and improve the quality of college classroom teaching.

2. The Concept, Characteristics and Functions of the Teaching Mode of “Pad Class”

On the basis of traditional teaching and discussion teaching methods, Zhang Xuexin puts forward a new teaching mode - “PAD Class” in view of the main problems existing in the current college classroom teaching [6-9]. The core idea of the so-called PAD Class is to allocate half of the class time to teachers for teaching, and the other half to students for interactive learning in the form of discussion, and stagger the time of teaching and discussion, so that students can arrange their own learning for a period of time after class, and carry out individualized internalization and absorption, It is a kind of learning towards self-education and education based on progressive autonomous learning.

The characteristics of the teaching mode are as follows

(1) It highlights the characteristics of two-way communication with students as the main body, teachers as the leading role and half time in class

Today's college students are a generation of symbiosis with the Internet. They have a broader vision, faster access to information, more open personality, easy to accept new things, and have a strong spirit of autonomy. They hate preaching, like to participate, like to be concerned, and are willing to show themselves. Therefore, the “split classroom” teaching mode is very suitable for modern college students, highlighting the dominant position of students.

(2) Teachers should pay attention to teaching before learning, highlight interaction and encourage autonomous learning

“PAD Class” is divided into three processes: Teacher's teaching, internalization, absorption and discussion. When teaching, teachers only need to teach the basic framework, key points and difficulties of the course. They should not cover everything. They should leave some space for students to further explore. Generally speaking, they should teach first and then learn. Teachers teach first and students learn later. They should emphasize student student interaction and teacher-student interaction and encourage students' autonomous learning.

(3) Reflect the characteristics of “bright, test, help”

“PAD Class” teaching mode, in the students' autonomous learning and discussion, focuses on reflecting the characteristics of “bright, test, help”, mainly focuses on students' autonomous learning, cultivate students' ability of team cooperation and mutual assistance to solve problems. The so-called “bright” is that students show their own or team's understanding and views on the problem, “test” is that different groups test each other, and “help” is “help me”, is to help each other, or help those students who do not understand the problem, help them understand from the perspective of students. Figure 1 shows the learning mode of split class.



Fig.1 The Learning Mode of Pad Class.

The function of the “ PAD Class “ teaching mode is as follows:

(1) Tap the potential of students and stimulate their interest in learning

Traditional teaching is mainly based on knowledge teaching, one-way indoctrination, to a certain extent, it suppresses the initiative of students, deprives students of the right to participate, resulting in dull classroom and weak attraction of the course. The “ PAD Class “ divides the university classroom teaching into three processes: lecture, internalization, absorption and discussion. In order to complete the homework after class and prepare for the discussion in the following week, students must combine the classroom teaching, check the relevant materials, integrate the content, put forward personal views and questions after class, and complete the internalization of knowledge absorption, so as to tap the potential of students, stimulate their interest in learning, and enhance their learning initiative.

(2) It helps to reduce the pressure of teachers and improve students' self-learning ability

“ PAD Class “ increases students' thinking and discussion time, and reduces teachers' teaching time. In the classroom, teachers only need to pay attention to the transmission of core knowledge. Those simple and boring contents that are not suitable for classroom explanation can be left to the students for self-study, thinking and discussion, which reduces the amount of teacher's lesson preparation and students' concentrated listening time, and reduces the “performing” teaching that the teacher purely wants to attract attention. When students are discussing in groups, teachers do not need to participate in the discussion, Only supervision and guidance are needed to reduce the burden of teachers. Students improve their self-study ability and problem-solving ability by searching materials, discussing with each other in class, checking with each other, helping each other and sorting out materials.

(3) Promote teacher-student interaction, student student interaction, establish a good relationship between teachers and students

In traditional teaching, there is less communication between teachers and students, students passively accept knowledge, less participation, and less initiative. Some students copy homework after class, and even don't do homework after class. They are not interested in learning or problems that need to be solved, and seldom ask students to discuss or teachers to help after class. Even if the teacher assigned the group work, the students often failed to achieve the purpose of communication due to the difficulties of the members after class, poor communication environment, and many interference factors. The “ PAD Class “ teaching mode puts the discussion in the classroom, which creates a good environment and constraints for students to communicate with each other. After internalizing and absorbing in a certain period of time, students can communicate purposefully and prepare to solve problems in mutual discussion and assistance. Even if they encounter problems that

can not be solved by groups, they can turn to other groups or teachers. Through such exchanges, students learn from each other, inspire each other, promote each other, enhance the sense of team, deepen friendship, and improve the relationship between teachers and students.

(4) It is helpful to improve the accuracy of assessment

In the traditional teaching, the assessment of students is mostly the result evaluation, which basically depends on the final exam. The difficulty of the questions, students' memory and temporary play will affect the score. Even some students do not study at ordinary times, but they have passed the final exam, but they do not really learn knowledge and improve their ability” The “ PAD Class “ teaching mode increases the proportion of process assessment, and spreads the efforts and time of high-quality learning to the whole semester by strengthening homework, learning notes, classroom discussion and other links. Students can arrange their future learning input according to the scores and feedback of their homework. Through many times of communication with students, teachers can also have a more objective and fair evaluation of students' usual investment and learning quality. While improving the accuracy of students' performance assessment, it effectively avoids the phenomenon that students cram before the exam and forget everything after the exam, It improves the effect of classroom teaching.

3. The Implementation Steps of “ Pad Class “ Teaching Mode in College Classroom

At present, the “ PAD Class “ teaching mode is more and more used in college classroom, and the implementation steps are summarized as follows: first, before the course is opened, teachers should prepare a clear and complete syllabus, list the timetable, learning objectives, learning contents and activities of each class, as well as the students' homework, teaching methods and so on Attendance requirements and assessment methods. In this way, students will know what to do, how to do it and what they will gain. Secondly, prepare all materials to assist students' learning, generally paper materials, including video, audio and other materials. Science and engineering often have exercise books, which should be packed as well as distributed to students. Thirdly, we should analyze the students' learning situation in class, encourage students to use QQ, wechat or other teaching platforms to promote the communication between teachers and students. Teachers should control the students' burden according to the students' learning motivation, foundation, ability and course selection, and determine whether the classroom discussion is divided into two parts It's a combination of the two. Finally, we should prepare the environment for the implementation of “ PAD Class “, such as whether the desks and chairs in the classroom are conducive to “ PAD Class “, whether the computer, multimedia projection, blackboard and other facilities are in good condition, and so on. The planning and planning of sub class is far more than the traditional teaching. We should try our best to avoid the influence of equipment failure on teaching.

4. Conclusion

“ PAD Class “ is a new teaching mode which adapts to the education of personality teaching and information characteristics. The key is to give half of the teaching time to teachers and half to students for discussion in class, which liberates students' personality and is suitable for college students' classroom teaching. It solves the problems of College Students' truancy, slack, laziness, lack of time and so on No goals and other issues, promote the reform of university classroom teaching, establish a good relationship between teachers and students, improve the efficiency of university classroom teaching, is worth promoting a teaching model.

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