

An Empirical Study on the Innovation of New Classroom Teaching Model Using Modern Educational Technology

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Abstract: At present, the teaching mode of secondary vocational and technical education in our country is influenced by many aspects, among which the most influential is the technology and ideology of modern education. This article is based on the change of teaching mode, describes how to deal with these changes, and expounds the problems in many aspects, such as: what are the advantages of the teachers in the preparation for the change of teaching, what are the advantages of the reformed teaching mode compared with the development trend of the teaching mode, and the main problems that should be paid attention to in the operation of the reformed teaching mode. This paper discusses the strategy of applying modern educational technology to construct a new classroom teaching model, hoping to bring some reference and reference for relevant professionals.

1. Introduction

In today's social development, great progress has been made in all walks of life in our country, the most obvious of which is information technology, the core of which is multimedia technology and computer network technology. Information technology has changed people's way of life and work, brought great convenience to people, and promoted the change in all fields of society. In addition, information technology also affects the field of education, with the development of information technology, the teaching mode in the field of education is constantly changing. Of course, it is also necessary to introduce modern educational technology and ideas in the process of teaching in the secondary vocational and technical schools of our country. Therefore, it is necessary to ensure that the following three aspects should be available at the same time: firstly, the hardware aspect; secondly, the software aspect; and finally, the teacher aspect. In the order of importance in these three aspects, teachers are undoubtedly ranked first. It's not enough to have the advanced hardware and software alone, to have someone who knows how to use these devices properly, no doubt this role is the teacher. Besides, the most important thing is that a good classroom teaching atmosphere is guided by the teacher step by step[1].

2. Teachers' Technical Literacy Must Include Modern Educational Techniques and Ideas

School education has always been the most important means for secondary vocational and technical schools in the process of carrying out education, and classroom teaching should be the main method in school education. Under the influence of this teaching mode and teaching atmosphere, teachers play an indispensable role and occupy an important position in it, because teachers can spread advanced educational ideas and ideas, in addition, advanced teaching methods and teaching methods depend on teachers to carry out.

In order to speed up the transition, the important step the school should take is to train all teachers, of course, this training is not blindly for the purpose of training, must have the purpose of training, according to the purpose of the training plan to train teachers. As we all know, the leader of the secondary vocational and technical school is the principal, so the principal should train the teacher to master the modern education technology better and keep in mind the educational idea, so that the teacher can introduce the modern education idea and the technology better in the course of

the classroom teaching. In order to achieve this goal, we should start with the following points: first, be able to use advanced information technology skillfully, and master certain development technology; secondly, have the relevant ideas of modern teaching; thirdly, have the skills of development and design in the process of teaching [2].

2.1. Clear Training for Teachers

In the process of training teachers, we should focus on the ability of teachers to use hardware and software, such as the basic teaching operation ability of using computer, the ability to use Internet technology to teach, the ability to use courseware making software to make courseware for class, the ability to use multimedia to teach, and so on. In several years of training, teachers have greatly improved the application and operation ability of the hardware and software needed for teaching, so that the teachers' general teaching technical literacy has been improved effectively, and not only that, the overall teaching level of the school has also been improved qualitatively.



Figure 1 Teacher training

2.2. Task-Driven

The quality of training can be measured by the benefit found from the teacher's training and the degree of acceptance of knowledge by the students. To judge whether the training content is scientific and reasonable is directly linked to the teaching results designed by the teacher after receiving the training. In addition to training this means, but also the use of task-driven this means to integrate the concept of modern education into the teaching. In short, this means that teachers study specific subjects, explore them constantly, and pass on the benefits and experiences of exploration to students in the classroom[3].



Figure 2 Task-driven

2.3. Teaching Through the Classroom

Classroom teaching is an effective means to apply modern education technology in secondary

vocational and technical schools. Before training teachers, it is necessary to prepare the courseware needed for training in advance. In the course of teaching teachers in class, it is necessary to explain the modern teaching technology and make a demonstration of the basic operation of advanced hardware and software, so that teachers can have the ability to apply and use hardware and software in the teaching process, and combine advanced information technology with teaching effectively.

3. The Advantages of the New Classroom Teaching Mode and the Disadvantages of the Traditional Teaching Mode are Analyzed

Teachers spend most of their classroom time imparting some conceptual knowledge to students, which is the most prominent feature of the traditional teaching model. It is very unfavorable to adopt this kind of teaching mode in class, because it is easy for students to listen to conceptual knowledge and be bored and unwilling to think, thus greatly reducing their interest in learning. The introduction of modern educational technology and ideas in the classroom teaching model is a new teaching model, which has three advantages compared with the traditional teaching mode. First, the content of classroom teaching can be greatly increased; second, the content of teaching is more abundant and can attract students' attention; third, it is beneficial for teachers to teach and facilitate students' learning. The details are as follows:

3.1. The Content of Classroom Teaching can be Greatly Increased

In the past classroom teaching, most of the time is the teacher to give oral explanation to the students, the students only listen to the brain, affect the efficiency of the classroom. And the introduction of modern educational technology in teaching can greatly improve this situation. By applying the advanced information technology, the teacher can play the relevant teaching video and play the pictures of the relevant teaching knowledge in the classroom teaching, which can teach more knowledge than the oral teaching, and can greatly arouse the students' interest in learning, the students are willing to use their brains to learn, the memory of the knowledge is more firm, and the learning efficiency can be improved effectively.[4].

3.2. Teaching is Richer and More Eye-Catching

Teachers in the past classroom teaching, the majority of the teaching content is through oral explanation to spread the knowledge, but only rely on the teacher's oral explanation students can not imagine the specific performance of the teacher's knowledge in life, can not attract the attention of students, so this directly reduces the students' interest in learning these knowledge. In the new teaching model, teachers through multimedia technology and related software and hardware equipment, in the way of video and pictures to show the knowledge incisively and vividly, teaching content from single to rich, more attractive to students.

3.3. It Is Beneficial to Teachers' Teaching and Students' Learning

In the new classroom teaching mode, teachers use advanced multimedia technology, software and hardware technology to change the knowledge points to be taught from oral expression to video, picture, audio and other ways to present, the knowledge points in the teaching content are illustrated and vividly displayed to the students. This directly changes the traditional way of education, which is beneficial to teachers' teaching and also to students' learning. This kind of teaching method is vivid and interesting, which can greatly mobilize students' participation in class, improve students' interest, change from passive learning to active learning, and improve learning efficiency.

4. Several Important Points for Attention of Classroom Teaching Mode Using Modern Teaching Technology

4.1. The Main Character of the Class Changed From Teacher to Student

In the traditional teaching mode, the main character of the classroom is always a teacher. But for this kind of teaching mode which uses modern education technology, the main character of the

classroom should be changed from teacher to student, the main responsibility of the teacher is to guide the students to learn in the side, and the students should learn independently in the classroom. improve students' learning ability.

4.2. Teachers Should Pay More Attention to Preparing Lessons

In the traditional classroom teaching mode, the teacher's preparation for lessons is mainly to master the syllabus, and to understand and master the knowledge points of the teaching materials in depth. For the current new teaching, the teacher's lesson preparation is more onerous than before, according to the syllabus and teaching materials knowledge points, design and development of teaching courseware, which requires teachers to master and use multimedia technology, teaching hardware and software ability. So the teacher's lesson preparation task is more important than the class lecture.



Figure 3 Preparing lessons

4.3. The Status of Teachers is Always Higher Than That of Teaching Equipment

In the process of teaching, no matter how advanced teaching equipment can not replace the teaching status of teachers. In the teaching process, teachers are always dominant, of course, in the teaching process to be equipped with advanced teaching equipment to complete the teaching. This requires teachers to design classroom teaching procedures, master the use of advanced teaching equipment, in the preparation of more efforts.

5. Conclusion

Synthesizing the above, we can know that the classroom teaching mode can not be fixed, must conform to the development of the times and then reform, everything follows this development law. Therefore, in the process of teaching, we should adapt to and actively accept the change of this teaching link, so that the education of vocational and technical schools can climb another high building, and cultivate more outstanding talents for the progress and development of society.

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