

Analysis of Computer Teaching Mode under Modern Educational Technology

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Keywords: Modern Educational Technology; Computer; Teaching Mode

Abstract: Modern educational technology is in line with the needs of the development of the information age, and the computer teaching model has also undergone significant changes and innovations. Based on the time domain of modern educational technology, it has maximized the level of computer teaching and highlighted the quality and effect of teaching. The teaching technology integrates new media technology and Internet technology, regards information technology as the focus of teaching, fully demonstrates the diversity and specificity of the teaching content, and finally completes the high-efficiency and high-quality teaching goals.

Introduction

The prerequisite for the development of modern educational technology is information technology. Its purpose is to comply with the current social development requirements, with the help of computer media and the Internet to supply a large amount of teaching materials for teachers to use in teaching, and to create a high-quality learning platform for students.

1. Overview Of Modern Educational Technology And Computer Teaching Mode

1.1 Modern Educational Technology

In detail, modern educational technology is the theoretical knowledge and skill level that regards computer information technology as the focus of teaching. Compared with other educational technologies, it pays great attention to the integration of educational technology and modern science and technology, which is the most prominent manifestation at this stage. The most modern and rational teaching mode is currently used in research and development; according to the current social development education ideas, theoretical knowledge and teaching methods are the basic conditions of educational content, and the teaching guidance is implemented through a comprehensive and systematic argument to gather the most innovative information technology of the times carry out educational activities in a way that combines modern teaching design, media, and teaching methods. Information technology is the basis of education. The core point is to focus on cultivating compound talents that meet the requirements of the development of the times, focusing on the individual demands of students and promoting their personalized development.

1.2 Computer Teaching Model

Taking the computer teaching model as an example, in detail, focus on the cultivation of students' application skills in computer technology. Based on the traditional teaching model, the teacher occupies a dominant position in the classroom. The teaching model is usually the teacher explaining the student to listen to the class, and the student passively listens to the computer theoretical knowledge taught by the teacher. During this period, the teacher attached too much importance to the explanation of theoretical knowledge, and the students reviewed the knowledge points learned in accordance with the content of the teacher. This teaching mode seriously ignored the students' practical level. Computer courses are special, if teaching guidance is carried out without practice, it will increase the difficulty of students in understanding. In addition, because students passively learn, it seriously hurts students' enthusiasm for learning and weakens students' practical skills [1].

2. The Status Of Computer Teaching Mode

2.1 Teacher Qualification Perspective

Based on the traditional computer teaching mode, most teachers only focus on theoretical knowledge in the computer class, and do not understand the value of the curriculum design at all. The professional quality of the teacher may affect the later development of students. On the other hand, the computer teaching content taught by the teacher will be restricted due to the material and assessment content, which will not help the students to extend the field of computer knowledge.

2.2 Teaching Mode Angle

Nowadays, for the computer teaching model, its model is relatively simple, and the teaching content is generally aging. Based on the computer teaching mode, the teacher is the subject of the classroom to explain the knowledge to the students, and the students passively accept the knowledge points. Based on this, the state of computer explanation and learning needs to be strengthened [2].

2.3 Teaching Content Perspective

The core content of computer teaching is service examination. In the classroom, the teacher will focus on the content of computer theory, reiterate the effective implementation of teaching objectives, and ignore the improvement of students' computer practice level. The computer teaching content that emphasizes theory over practice has not achieved the desired results. Students cannot apply the computer theory knowledge they have learned to real life, and the level of computer practice is not outstanding.

2.4 Student Perspective

When learning the framework of computer knowledge, students often lose their enthusiasm for computers because of their passive acceptance, which gradually weakens their enthusiasm. Under the computer teaching model that reiterates the monotonous theoretical knowledge and teaching model, students' innovative thinking and personalized development cannot be fully explored, resulting in students' lack of innovative thinking in the learning process.

3. Advantages Of Computer Teaching Under Modern Educational Technology

3.1 Change the Traditional Teaching Mode

With the popularization and promotion of modern educational technology, the computer teaching model can complete relatively ideal innovation changes, accelerate the reform process of the traditional teaching model to the greatest extent, and avoid many problems and shortcomings revealed in the teaching process at the current stage. For example, in the traditional teaching mode, it is often too dependent on the teacher's explanation, using teaching materials and blackboard writing to let students independently understand and accept the knowledge points taught by the teacher. Without communicating with students, it is difficult to expand the teaching content and increase the difficulty of form innovation, the teaching effect is not satisfactory [3]. On the other hand, the traditional teaching model only pays attention to theoretical explanation, and the degree of attention in practical teaching is not enough, which eventually derives from the core of modern educational technology. Affected by modern educational technology, practical teaching can gain a lot of content, supplementing the problems and weaknesses in the traditional teaching model.

3.2 Change Teaching Focus

Surrounded by modern educational technology, the computer teaching model can change the teaching focus in all directions, foreshadowing the advancement of teaching effects. Based on the traditional computer teaching model in the time domain, the teaching focus usually refers to the teacher, and the main body of the classroom is also the teacher. This is the platform for the teacher to show his talents. The teacher explains more teaching knowledge to the students. The students

passively obtain the content of computer theory, their performance is more rigid, and the learning effect is greatly reduced. Based on the modern education technology, students' performance in the classroom is very active, and their participation has been significantly improved, so that the main body and focus of the classroom can be transferred from the teacher to the student. The teacher can more accurately understand the difficulty of the student's learning, and finally formulate Effective teaching programs, highlighting students' learning achievements, help students learn more about computer knowledge.

3.3 Stimulate Students' Enthusiasm for Learning

Since the introduction of modern educational technology, the improvement and adjustment of the effect of computer teaching is also reflected in stimulating students' enthusiasm for learning. Because the traditional teaching model pushes students to a passive position, the theoretical knowledge and skills operation requirements are based on the text, and they cannot participate actively, resulting in school results cannot as expected. After joining modern educational technology, students' active participation has increased significantly, and the degree of enthusiasm allocation has increased. Students have become more and more interested in the teaching content. To this end, teachers are required to enrich the teaching model through modern educational technology and to stimulate students' enthusiasm for learning with the help of different types of teaching methods.

4. Computer Teaching Methods Under Modern Educational Technology

4.1 Broadcast Teaching Method

For the current computer teaching courses, it is necessary to introduce and infiltrate modern educational technology to demonstrate the teaching effect, and the broadcast teaching method can reflect a strong demonstration skill, compared with the traditional teaching mode, which can enable students to understand and become familiar with knowledge points faster, quickly deal with computer teaching problems. The broadcast teaching method is built on the basis of multimedia technology, which helps computer multimedia technology to better demonstrate a wide variety of pictures, audio effects and video materials. Through such materials, the teaching goals can be achieved faster and the content presented is more flexible, changeable, stimulate students' enthusiasm for learning, and gather students' cohesion in the classroom [4]. Aiming at the textual teaching materials in traditional computer teaching, the advantages of multimedia technology have become more and more obvious. At the same time, it has been widely used in computer teaching, and the classroom demonstration effect is very prominent. Taking the more difficult computer teaching subjects and tasks as an example, if the difficulty of understanding is very high, the teacher can complete the explanation through the broadcast teaching mode, which presents the details of the entire operation, so that the students can watch the process content more clearly and prevent deviations in various links, showing a more ideal picture of knowledge explanation.

4.2 Interactive Teaching Methods

Guided by the application of modern educational technology, computer teaching can accomplish relatively ideal results of teacher-student exchanges, fully demonstrate the value of interactive teaching models, and improve the final teaching results. Based on the interactive teaching method, the local area network and computer hardware equipment can complete flexible planning, ensuring that teachers and students can attach to such software and hardware to complete interactive conversations with each other. For example, when learning in a computer classroom, teachers can use their host computer to complete the teaching content explanation task. All students can search and read the knowledge content of the teacher on their own extension, so that a relatively ideal teaching relationship can be quickly generated. On the other hand, students can also ask the teacher about the knowledge points and contents they do not understand during the learning stage. The teacher can quickly answer the questions asked by the students in order to highlight the further

improvement of the teaching effect. In the computer classroom, teachers can use the host to keep an eye on the operation progress of each student's extension at any time, understand the students' mastery of knowledge, and can improve the ideal application results in the practical operation teaching process. Through local area network and Internet technology, strengthen the interactive conversation between students and students, so as to quickly adapt to the group cooperation method in the computer teaching mode, and facilitate students to complete the conversation and interaction in the group [5]. The interactive teaching method can not only be applied in classroom teaching, but also can be widely used in class completion and inspection. Teachers can use the Internet to check the progress of student homework at any time. Combining your own problems and the questions generated during the completion of the homework, you can immediately ask the teacher to finally achieve the interactive communication goal.

4.3 Open Teaching Methods

Computer teaching under modern educational technology can fully demonstrate the open features, and its application value is also very good. It can quickly deal with the many restrictive problems facing the traditional teaching model. The open teaching method can completely abandon the restrictive problems of time and place under the traditional teaching mode, and quickly complete the active configuration in the teaching content, making the teacher's explanation and student learning more and more convenient, so that they can be separated from each other, however it can ensure the ideal teaching effect. For example, the teacher can edit micro-classes on the teaching knowledge points that are explained immediately, and then transfer the micro-classes to the Internet platform. Students can download the learning resources on the Internet platform and learn the corresponding knowledge at their own time. During the teaching period, you can also rely on Internet technology to implement supervision and management, use the network assessment mechanism to evaluate the students' learning results, and finally further improve the teaching content in accordance with the individual differences of the students to complete the teaching goals. In addition, the open teaching model sets strict requirements for teachers. Teachers must devote themselves to the preparation of case materials to lay the foundation for the implementation of open teaching methods.

4.4 Virtualized Teaching Methods

With the popularization and promotion of modern educational technology, changes and innovations in computer teaching models have highlighted the characteristics of virtualization, which is conducive to the implementation of details of practical operations in computer teaching and fills in the problems and deficiencies of traditional teaching models. Based on the virtualized teaching method in the time domain, through internet technology and virtualization technology, teachers can fully rely on virtual laboratories to carry out practical teaching activities, guide students to complete simulation exercises through new technologies and teaching systems, and learn for practical applications. The cultivation effect is very obvious. For the virtualized teaching model, its characteristics are convenient and efficient, improve the utilization rate of funds, deal with the problems faced in practical teaching, and reduce the investment. In addition, the advantages of virtualized teaching are very obvious, cannot rely on too much, and create more practical opportunities in the later teaching to improve the quality of students.

5. Application Of Modern Educational Technology In Computer Teaching Mode

5.1 Innovative Application of Teaching Methods

From the perspective of computer teaching, the characteristics of traditional teaching are mainly reflected in that the teacher is the main body of the classroom. The way to implement teaching activities is usually that the teacher uses the blackboard to explain, and the students are in a passive state. In the computer teaching model, the teaching process involves three factors: one is the teacher, the other is the student, and finally the teaching content. The blackboard writing mainly appears in

the form of words, the limitations are too rigid, and it is difficult to stimulate students' enthusiasm for learning. In contrast, the advantages of multimedia are still obvious. If multimedia is integrated into teaching, teachers can complete the innovative reform of teaching methods through the function of computers. From the perspective of education level analysis, the most usable man-machine interaction function, image function, and graphic animation function among computer functions are combined with the characteristics of network technology to lay the foundation for the innovation of teaching mode. On the basis of modern educational technology, it can not only fully explore the value of interest, but also help students participate in teaching activities, highlight the importance of learning motivation, and enhance the quality of computer teaching.

5.2 Personal Education Application

It is the fundamental task of computer education to improve the skill level of students through the best means and ideas in the field of computer teaching. However, based on the contradiction between the practice and theoretical knowledge in the traditional mode, the task faces many difficulties in the implementation process. There is a certain amount of cumbersomeness in learning, which requires a gradual implementation in a certain order and steps. The final result is directly related to the method selected by the students and their own conditions. From the perspective of teaching, computer teaching can be regarded as an activity with multiple individuals and plans. The individual differences of each student are obvious, but the teaching content is basically the same. Faced with this situation, students have different abilities and levels of receiving knowledge. However, in combination with the progress of the teaching, the teaching should be based on most students and all the students cannot be taken into consideration. In order to alleviate the shackles of the incident on teaching achievements, individual educational applications can be completed through modern educational technology during the teaching process, so that all students can reap the corresponding education [6].

5.3 Tap Student Interest

The desire for knowledge is the prerequisite foundation for every student, and this desire must be paid attention to during teaching. From the perspective of students, abstract events are not only attractive but also challenging. Under extremely complicated conditions, students' interest is usually low. However, as long as they are interested, the problem may be solved. Only people who have interest can devote themselves to one thing. In the field of learning, interest is the key to promoting students' learning progress. Therefore, from this perspective, interest is an important condition that determines the effectiveness of teaching, and also improves the success rate of teaching key factors. At present, computers have been widely used in different fields. People can query information on the network at any time to get familiar with and understand the computer step by step. However, the time of computer education implemented in different stages is different, and freshmen who have just entered the school are not very familiar with it. Based on this, the teacher provides guidance through modern educational technology, assists students in understanding the computer in depth, and stimulates students' enthusiasm for learning.

Conclusion

In summary, the difficulties faced by computer teaching today are very large, and the difficulty of teaching has also increased. In order to fully demonstrate the results of computer teaching, in-depth introduction and use of modern educational technology, it is necessary to adjust and reform modern educational technology and the teaching model fundamentally enhances teaching achievements and trains more computer professionals for social development.

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