

On the Reform of Computer Education Based on the Network Teaching Mode

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Abstract: computer network is closely related to our life. Our life, work and study can not be separated from the use of computers. Computers have greatly changed our past lives. Especially in education, it is more inseparable from the use of computers. With the computer reform, the traditional education mode has been changed, and the teaching is carried out by the method of network teaching. The new teaching mode is in line with the development of society and education industry, and the teaching cost can be reduced. Find abundant teaching resources on the network to expand students' knowledge and improve teaching level and teaching quality.

1. Introduction

Computer network brings us great convenience and is widely used in our life. The school uses computer to carry out teaching, with the computer has undergone various educational reforms, the computer can expand various teaching resources, improve the quality and efficiency of students' learning, and change the traditional teaching mode. Network teaching is a new teaching mode. In the study of various subjects, the use of network teaching enriches the teaching form and improves the teaching effect.

2. Advantages of Network Teaching Mode

2.1 Diversification of Forms

In traditional computer teaching, teachers are very boring on the platform to explain the basic knowledge of computer, and instill the knowledge into students, which does not reflect that students are the main body of the classroom. But with the coming of network teaching mode, it has been accepted by teachers and students. It is widely used in the teaching process, which greatly improves the quality and efficiency of the classroom, expands the teaching resources, makes the students understand the knowledge more thoroughly, and makes the students have a wider space to study, improve themselves and improve the high-quality teaching and learning platform.

2.2 Strong Practicality

Traditional computer education mainly focuses on knowledge points, and then goes on computer

to practice. However, the time of computer operation is very small, and there is little chance to go to the computer classroom for operation, and lack of practice. With the use of network teaching, students can learn basic knowledge, and can operate on computer through computer learning software. It greatly expands the learning path of students, improves learning efficiency, greatly increases the practical operation time of students, increases the opportunity of practice, makes students learn and understand computer more thoroughly, and is easy to learn the basic computer skill.

2.3 Strengthen Communication

The teaching under the network mode has great pioneering features. The practice of computer operation on such an educational platform can improve the enthusiasm and autonomy of students. Students communicate with various groups on the network platform, share their mood and learning situation, or discuss some problems. In the process of mutual discussion, they can improve their comprehensive ability, knowledge level and create a new one New thinking mode and innovative power will promote the students' all-round development.

3. Disadvantages of Network Teaching Mode

3.1 The Computer is Not Widely Used

The computers used in our country's education industry are not comprehensive enough. Only a few schools use computers. Some backward areas have no funds to introduce computers, which leads to the reduction of teaching level and the lack of teaching equipment. Some advanced areas have introduced a large number of computers for teaching, resulting in the uneven distribution of computers. It is impossible to introduce computers in backward areas, and some students are not very proficient in computer learning.

3.2 Maintenance Takes a Lot of Time

Due to the lack of professional computer maintenance teachers, computer maintenance can not be solved in time. Teachers in class, due to the computer crash, parts damage, screen damage, mouse and keyboard can not input, computer infection virus a large number of problems, teachers in the repair time occupied a lot of classroom time, reduce the students' learning efficiency.

3.3 Courseware is Difficult to Stimulate Students' Interest

Teachers in the production of teaching courseware, lack of some serious and responsible, courseware presentation can not arouse students' interest in learning, teaching courseware lack of quality, reduce the students' learning efficiency and learning effect. Teachers should improve the quality of teaching courseware, mobilize students' learning enthusiasm, and promote the improvement of students' learning effect.

3.4 The Network Condition is Not Good Enough

In the process of network teaching, the network is always unstable. In class, if there is a sudden power failure or no network, the acquisition of network information is too slow, and the network is not smooth, it will affect the teaching progress, reduce the quality of learning, and it is difficult for students to improve their attention. There will also be the problem that computers are not enough. When teaching in class, two students can use computers together, and there are not enough teaching

resources. The computer system is too old to keep up with the teaching progress. We need to improve the computer system, and the old software and hardware should be updated in time.

4. Reform Measures of Computer Education Based on Network Teaching Mode

4.1 Student Oriented

The traditional teaching classroom is that teachers instill knowledge into students in front of the platform, which does not reflect the dominant position of students in the classroom. Students are in a passive state. Teachers do not have effective teaching methods to improve students' interest in learning and comprehensive ability. But with the advent of the network era, the network teaching mode has changed the traditional teaching mode, highlighting that students are the main body of the classroom, and the network teaching mode can improve students' learning level and learning interest. In the process of network education, students innovate their own learning mode, change their learning concept, and improve their own learning level. Network teaching in various forms, so that teaching to a higher level. In the process of calculation teaching, students should do more practical operation, practice more computer skills, and master the basic knowledge and skills of computer. Computer class is always limited, the number of classes can not meet the needs of students, students can not complete the absorption of knowledge in class, in this case, students can use their spare time to learn computer knowledge, practice computer skills, consolidate the knowledge learned in class, expand their knowledge, let students combine theory and practice.

4.2 Teachers Should Give Guidance

The computer teaching under the network teaching mode has changed the traditional computer classroom. The traditional computer classroom is boring, and students lack interest and enthusiasm in learning. Network teaching mode teachers use the network platform to teach, improve students' interest in learning, connect teachers and students, cooperative learning, form a teaching whole, promote the reform and development of teaching. Teachers can use computers to communicate with students and supervise their learning. At the same time, students can also use the software program to ask questions to teachers. This teaching method can not only create a positive and effective learning environment for students, but also improve their learning level, stimulate their interest in learning and love computer courses, which is very helpful for students' learning.

4.3 Using the Network for Assessment

In the traditional teaching mode, if you want to evaluate the students' learning achievements, you need to use the test paper or the students' homework to evaluate. This evaluation method is more rigid and conservative, and the evaluation of students' learning situation is not very comprehensive and rigorous. If students have questions to ask, teachers need to answer them one by one, which wastes a lot of time, reduces the efficiency of learning and consumes teachers' energy. But the use of network teaching, can greatly improve the efficiency of learning, reduce the burden of teachers, if students do not understand the problem, then you can focus on students will not be the problem, unified out, teaching focus on the focus of the problem to answer, to avoid teachers one by one to students to answer questions, improve the teaching efficiency, improve the teaching level.

4.4 Teachers Should Learn Advanced Educational Concepts

In the era of network education, teachers should constantly improve their own ideas, innovate

teaching methods, and make the concept of computer sharing deeply rooted in the hearts of the people. However, this kind of teaching transformation is not easy, and can be successful at once. It takes a long time to accumulate teaching experience, innovate and transform ideas. Teachers should fully communicate with students, promote students to change the past learning methods, learn new learning methods, promote the improvement of students' own ability, and take students as the fundamental goal of teaching. Students can take the initiative to learn computer knowledge and skills, choose the appropriate way of learning. Let students have more self thinking and innovation development ability, improve the logical thinking ability. Teachers should constantly explore the network teaching mode, learn advanced teaching methods, facilitate students to learn computer knowledge, find learning methods, and improve learning efficiency.

4.5 Provide Professional Personnel for Computer Maintenance

To equip professionals to repair computers, improve classroom efficiency, reduce the repair time of teachers, schools should increase capital investment, the introduction of computer equipment, so that students can learn well. The school strengthens the maintenance personnel's daily training, the training specialized skill, enhances the maintenance personnel's maintenance efficiency and the level, strengthens to the computer's maintenance.

5. Conclusion

The computer teaching under the network mode innovates the teaching methods and improves the students' learning efficiency and learning quality. The face-to-face communication between teachers and students improves the main position of students and provides more learning resources.

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