

Innovative Exploration of Efficient Classroom Teaching Mode under the Background of Education Digitization

Miaomiao Jiao

Xi'an Research Institute of Education Science, Xi'an Shaanxi Province 710072

Abstract: Education digitization has become an important force in the field of education, providing more resources and channels for building efficient classrooms. Through online platforms and tools, classroom instruction can be more lively, interesting and interactive, and students' ability to learn independently is also improved. However, digital education still faces challenges such as the application of teacher technology and the construction of management system. Making full use of the resources and means of education digitization can improve the quality and effect of classroom teaching and lay a foundation for students' all-round development and future growth.

Keywords: Education digitization; Efficient classroom teaching mode; Innovative exploration

Introduction:

With the development of information technology, digital education has become a powerful force in the field of education. In this context, the innovative exploration of efficient classroom teaching mode becomes particularly important. How to use educational digital means to make classroom teaching more lively and interesting, more interactive and more effective has become a new challenge for classroom teaching. By making full use of the resources and means of education digitization, the quality and effect of classroom teaching can be improved, and students' critical thinking and innovation ability can be cultivated, laying a solid foundation for their all-round development and future growth.

1. Challenges of efficient classroom teaching under the background of digital education

1.1 Students' critical thinking and questioning spirit should be further improved.

In the background of education digitization, the rapid development of modern education technology, on the one hand, provides children with a quick way to obtain information and solve problems, on the other hand, children do lack the ability to think deeply and reflect. This requires that classroom teaching should pay more attention to cultivating students' critical thinking ability and guiding students to conduct independent and in-depth thinking. Secondly, the educates generally blindly follow the authority and traditional ideas, and lack critical thinking and questioning spirit. This kind of thinking inertia makes students easily misled by wrong information and difficult to form independent judgment and thinking ability. Therefore, classroom teaching needs to pay attention to the cultivation of students' critical spirit, pay attention to their independent thinking and problem-solving ability, in order to achieve efficient classroom goals.

1.2 Teaching content and means need to keep pace with The Times

Under the background of digital education, the timely updating of classroom teaching content and means is also one of the challenges facing efficient classroom teaching. First of all, there are certain abstract concepts and difficult knowledge in the content of each subject, which need to be integrated and understood in large units and concepts. This determines that teachers must combine theory with practical situations in the teaching process, and constantly strengthen students' knowledge experience and practical cognition through regular classes, after-school services and social practices. Otherwise, students' core qualities and important abilities are difficult to achieve, and efficient classroom learning results are not good. Secondly, the contents of various disciplines need to be constantly updated to meet the needs of social development. With the rapid changes and development of society, school education

needs to keep up with the pace of The Times and pay attention to current social problems and students' concerns. Especially in the background of digital education, various disciplines need to constantly update teaching content, constantly innovate teaching methods, and pay attention to cultivating students' innovative consciousness and problem-solving ability, so that classroom teaching will continue to expand and deepen, and achieve efficient classroom goals.

2. Transformation of efficient classroom teaching mode under the background of education digitization

2.1 The inevitability of the change of teaching mode

Under the background of education digitization, the transformation of efficient classroom teaching mode is inevitable. The rapid popularization and application of digital technology has made a fundamental change in the way of education. Students can obtain rich information resources through the Internet and multimedia platforms to realize personalized learning and independent learning. In particular, the digitalization of education provides a broader teaching space and teaching methods. Through the online education platform, teachers can achieve remote interaction with students, carry out online discussions and questions, and provide personalized teaching guidance. At the same time, digital teaching can provide a more interactive and participatory learning environment. Through online discussion and cooperative learning, students can actively participate in the teaching process, express their own opinions and thoughts, and engage in diverse exchanges and cooperation with others. This is conducive to further cultivating students' cooperative spirit and communication ability, and stimulating students' learning interest and motivation. At the same time, it also further expands the depth and breadth of efficient classroom teaching, which is conducive to cultivating students' critical thinking ability and innovative consciousness.

2.2 The potential possibility of teaching mode change

Under the background of education digitization, the change of efficient classroom teaching mode has potential possibility. Firstly, the application of digital technology can provide a variety of teaching resources and teaching methods. Through multimedia technology and Internet resources, teachers can provide students with rich learning materials and case studies, and guide students to in-depth thinking and discussion. At the same time, digital technology can also create an interactive teaching environment, using gamification teaching and simulation experiments to stimulate students' learning interest and motivation. Secondly, the digital teaching platform can realize the sharing and exchange of teaching resources. Teachers can share their own teaching experience and teaching resources through the teaching platform, and communicate and cooperate with other teachers. It is helpful to improve teachers' teaching level and teaching quality, and promote the innovation and update of teaching content. In addition, digital teaching can also provide personalized learning services for students. Through the analysis and mining of educational big data, teachers can understand the learning situation and characteristics of students, and carry out targeted teaching guidance and evaluation. At the same time, students can also choose their own learning content and learning methods according to their own learning needs and interests, and realize personalized learning paths and learning goals.

Therefore, under the background of education digitization, the transformation of efficient classroom teaching mode is inevitable and has potential possibilities. Through the application of digital education platform, we can realize the reform of teaching methods, provide a broader, diversified and personalized teaching environment, and promote the all-round development of students and the cultivation of innovative ability.

3. The exploration of efficient classroom teaching innovation path under the background of education digitization

3.1 Construction principles of efficient classroom digital teaching model

3.1.1 Adhere to the principle of "teachers leads"

Under the background of education digitization, students' access to knowledge has become increasingly inseparable from the Internet. There are a large number of high-quality academic resources, educational videos, online courses, etc., so that students can access a rich variety of teaching resources in the online environment. According to the characteristics of efficient classroom teaching and the actual situation of students, teachers should first learn to flexibly choose and use teaching tools and platforms suitable for students, and guide students to better improve their learning results. From the perspective of efficient classroom teaching, teaching content and means are integrated with the Internet. Teachers need to actively learn advanced network technology means, be able to obtain valuable information through the Internet, and have certain information processing capabilities. Only in this way can teachers obtain more cutting-edge knowledge and content, select appropriate resources to enrich the teaching content, so that students can

master relevant knowledge and concepts more comprehensively, and use network resources to continuously broaden the connotation and extension of educational content, so as to better serve education and teaching. Secondly, all kinds of knowledge have a huge impact on students. Teachers should guide students how to distinguish the authenticity and reliability of information, guide students to learn to compare, verify and evaluate the source, content and credibility of information through diversified information channels, and avoid being misled by false information. Thirdly, teachers should guide students to develop critical thinking. Students need to learn to think independently, ask questions, think and analyze different viewpoints dialectically, and form independent judgments and opinions. Teachers can help students develop critical thinking skills by providing case studies and discussions to guide students to think about the value and impact of information. At the same time, teachers should guide students to take the initiative to participate in the network interaction. Through online discussion, online moot court and other platform functions, to promote communication and collision of ideas between students, stimulate students' learning interest and initiative. Use online features such as online contests to assess students' learning in a timely manner and help them better grasp and apply what they have learned. Finally, teachers should cultivate students' network literacy and information judgment ability. Teachers can help students make effective use of Internet resources by explaining Internet search skills and information screening methods. By introducing some high-quality academic and educational websites and recommending some valuable Internet resources, teachers can help students find and use information and tools that are beneficial to their study, and constantly strengthen students' comprehensive literacy. At the same time, teachers also need to guide students to master the knowledge of network security, and help them avoid the harm of bad information and network fraud in the network world.

3.1.2 Adhere to the principle of “students as the main body”

Under the background of education digitization, students' access to knowledge is no longer limited to a single textbook or classroom. The open characteristics of the Internet and other we-media have also become an important way for students to learn independently. As students in the new era, they generally have strong network technology ability and learn new technology quickly. To a certain extent, some students acquire new knowledge much faster than the speed of teachers. Therefore, in carrying out efficient classroom teaching, teachers should actively keep pace with The Times, timely change their role positioning, and carry forward the principle of “students as the main body”. For example, in effective classroom teaching, teachers can guide students to use Internet resources to independently search for relevant materials, conduct individual or group research, raise questions and discuss. Teachers can organize students to have online discussions or online debates to stimulate students' thinking and expression skills in a variety of ways. At the same time, teachers can also invite experts and scholars to give online lectures or answer questions through video or online live broadcast to provide students with broader knowledge and vision.

3.2 Innovation and construction of efficient classroom digital teaching means

3.2.1 Actively build a high-quality and efficient network teaching environment

In order to ensure the smooth progress of digital teaching, it is necessary to further optimize the network environment. First of all, teachers can choose a stable and high-speed network platform to ensure the smooth and stable network connection. Secondly, teachers should test and prepare the required digital teaching tools and software in advance to ensure their normal operation and use. In addition, teachers can also provide technical support and guidance to help students solve technical problems that may be encountered in digital teaching, so as to ensure that students can participate in teaching activities smoothly. In addition, in the digital teaching of efficient classroom, teachers should choose the teaching platform and teaching tools suitable for the characteristics and learning conditions of each discipline, and constantly develop new education and teaching resources suitable for their own disciplines. Therefore, it provides online support and teaching assistance for the teaching of this subject, and helps students to deeply understand and master the knowledge of this subject. This is the guarantee of efficient classroom teaching.

3.2.2 Actively build interactive communication and personalized teaching evaluation models

In efficient classroom teaching, teachers should make full use of the many advantages of digital education, such as online teaching system, online discussion platform, video conference, steam lab, thematic discussion, student learning management system, etc., to continuously enhance students' audio-visual and feelings, and strengthen students' participation and interaction. Through online questions and answers, group cooperation and other forms to stimulate students' thinking ability and creativity, cultivate students' team spirit and practical problem solving ability. In addition, teachers and teaching researchers conducting efficient classroom teaching should constantly develop a new education and teaching quality monitoring and evaluation management system through research, so as to provide students with targeted learning suggestions according to different students' learning levels and key and difficult points of classroom teaching, and promote the improvement of teaching quality.

4. Actively build an independent learning model

Based on the characteristics of efficient classroom teaching and keeping pace with The Times, digital teaching can provide students with more independent learning opportunities, and students can consult relevant resources according to their learning goals. Teachers can provide learning resources through the online teaching platform, such as teaching videos, learning materials, etc., so that students can learn independently according to their own learning needs and progress. In addition, teachers can also guide students to use Internet resources for independent learning and research, such as guiding students to read online, search academic literature, participate in academic discussions, etc., and guide students to cultivate students' independent learning ability and information literacy in efficient classroom learning.

5. Concluding remarks

To sum up, under the background of education digitization, the innovative exploration of efficient classroom teaching model is an inevitable trend. With the promotion of digital teaching, we can improve the quality and effect of classroom teaching by means of interactive communication, independent learning and optimization of network environment. Through enhanced interaction, students can more actively participate in efficient classroom teaching, express their views and thoughts, and discuss and communicate with teachers and classmates. This can stimulate students' critical thinking and creativity, and cultivate students' critical thinking and problem solving skills.

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